

California Independent System Operator Corporation
Fifth Replacement Electronic Tariff

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33. Extended Day-Ahead Market

Pursuant to Section 33, the CAISO will expand operation and Settlement of the Day-Ahead Market in an EIM Entity Balancing Authority Area for which the Balancing Authority executes an EDAM Addendum to EIM Entity Agreement with the CAISO.

33.1 General Provisions

Section 1 will apply to EDAM Market Participants in addition to the provisions in this Section 33.1, unless limited in their application by this Section 33.1.

Participation in, operation of, and Settlement of the Extended Day-Ahead Market will be subject to the provisions of Section 33, and to all other provisions of the CAISO Tariff to the extent those provisions are applicable to the Extended Day-Ahead Market. The provisions of Section 33 will apply only to the Extended Day-Ahead Market.

EDAM Market Participants must comply with the provisions of Section 33, and other applicable provisions of the CAISO Tariff to the extent such provisions:

- (a) expressly refer to Section 33 or EDAM Market Participants,
- (b) are cross-referenced in Section 33, or
- (c) are not limited in applicability to the CAISO Controlled Grid, the CAISO Balancing Authority Area, or CAISO Markets other than the Day-Ahead Market or Real-Time Market.

If there is an inconsistency between a provision in Section 33 and another provision of the CAISO Tariff regarding the rights or obligations of EDAM Market Participants, except in their capacity as EIM Market Participants under Section 29, the provisions in Section 33 will prevail to the extent of the inconsistency.

If there is an inconsistency between a provision in Section 33 and a provision in Section 29, the provisions of Section 33 will prevail with respect to participation in the Day-Ahead Market and the provisions of Section 29 will prevail with respect to participation in the Real-Time Market, provided that the provisions of both Sections 33 and 29 will be given equal consideration such that the provisions applicable as an EDAM Market Participant and EIM Market Participant may be reconciled where provisions apply to participation in both the Day-Ahead Market and the Real-Time Market.

33.1.1 Suspension of EDAM Entity Participation

The CAISO may, within 60 days following an EDAM Entity Implementation Date for an EDAM

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Entity, and pursuant to the terms of a Market Notice, temporarily suspend the participation of that EDAM Entity in the Day-Ahead Market within the EDAM Entity Balancing Authority Area for a period not to exceed 60 days if market or system operational issues adversely impact any portion of the EDAM Area, provided that the CAISO may continue operation of the Day-Ahead Market in the rest of the EDAM Area without the participation of the EDAM Entity for a reasonable additional period of time in order to implement a resolution of the market or system operational issues.

If the CAISO is not able to identify a resolution of the EDAM-related market or system operational issues within 60 days after issuance of the Market Notice of temporary suspension of EDAM participation by an EDAM Entity, the CAISO may, upon issuance of a subsequent Market Notice, terminate participation by the EDAM Entity in the Day-Ahead Market and may extend the suspension of EDAM participation by the EDAM Entity for a time sufficient to process the termination of the EDAM Addendum to EIM Entity Agreement. The CAISO may reinstate EDAM operations after a temporary suspension of EDAM participation by an EDAM Entity by issuing a Market Notice announcing the intended reinstatement no less than 5 days in advance of the reinstatement date.

33.1.1.1 EDAM Entity Action.

In the event the CAISO issues a Market Notice of the temporary suspension of EDAM participation by an EDAM Entity, the EDAM Entity will either (a) undertake manual operation of its Balancing Authority Area without reliance on the Day-Ahead Market or (b) continue to submit EDAM Bids, forecast information, and the associated Meter Data to enable continued operation of the Day-Ahead Market until the CAISO issues a subsequent Market Notice either that (i) the cause of the temporary suspension has been resolved and the EDAM Entity has been reinstated, in which case EDAM participation by the EDAM Entity will return to normal, or (ii) EDAM participation by the EDAM Entity has been terminated.

In the event the CAISO issues a Market Notice of the temporary suspension of EDAM participation by an EDAM Entity, the EDAM Entity will either (a) not continue participation

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as an EIM Entity if its Balancing Authority Area is under manual operation or (b) continue participation as an EIM Entity unless otherwise directed in accordance with Section 29.1(d), specifically to submit EIM Base Schedules and the associated Meter Data to enable continued operation of the Real-Time Market until the CAISO issues a subsequent Market Notice either that (i) the cause of the temporary suspension has been resolved and the EDAM Entity has been reinstated, in which case EDAM participation by the EDAM Entity will return to normal; or (ii) EDAM participation by the EDAM Entity has been terminated, in which case the EDAM Entity will continue participation in the EIM as an EIM Entity.

33.1.2.1 CAISO Action.

In the event the CAISO issues a Market Notice of the temporary suspension of EDAM participation by an EDAM Entity, the CAISO will (i) prevent EDAM Transfers and separate the EDAM Entity Balancing Authority Area from operation of the Day-Ahead Market in the EDAM Area in accordance with the provisions of the Business Practice Manual for the Extended Day-Ahead Market, (ii) suspend Settlement of Day-Ahead Market charges with respect to the EDAM Entity in accordance with the provisions of the Business Practice Manual for the Extended Day-Ahead Market, and (iii) issue a subsequent Market Notice either that the cause of the temporary suspension has been resolved and the EDAM Entity has been reinstated, in which case EDAM participation by the EDAM Entity will return to normal, or EDAM participation by the EDAM Entity has been terminated.

33.2 Access To EDAM

Section 2 will not apply to EDAM Market Participants; rather, the specific provisions of this Section 33.2 will apply to EDAM Market Participants.

The CAISO will provide open and non-discriminatory access to the Day-Ahead Market, including the Extended Day-Ahead Market for Balancing Authorities that also participate in the Energy Imbalance Market in accordance with the CAISO Tariff. Only EIM Entities may be EDAM Entities, while EIM Entities

who do not become EDAM Entities will have no obligation to participate in the Extended Day-Ahead Market and may continue to participate solely in the Energy Imbalance Market.

33.2.1 EDAM Entity Implementation Agreement.

A Balancing Authority that seeks to become an EDAM Entity must first execute an EDAM Entity Implementation Agreement with the CAISO that establishes the EDAM Entity Implementation Date, an obligation to sign an EDAM Addendum to EIM Entity Agreement, the onboarding fee for its implementation, and the scope of work required for its participation in the EDAM. A prospective EDAM Entity that has not yet executed an EDAM Addendum to EIM Entity Agreement may terminate its EDAM Entity Implementation Agreement at any time and for any reason in accordance with the terms of the EDAM Entity Implementation Agreement.

33.2.2 Implementation Date.

The CAISO and the prospective EDAM Entity shall work together to determine the EDAM Entity Implementation Date based on the complexity and compatibility of the Balancing Authority's transmission and technology systems with the CAISO systems and the planned timing of the CAISO's implementation of software enhancements. The EDAM Entity Implementation Date must be not less than six months after the date that the EDAM Entity Implementation Agreement between the CAISO and the Balancing Authority becomes effective in accordance with its terms. Once established, the EDAM Entity may request a change in the EDAM Entity Implementation Date to account for any circumstances that may affect the implementation timeline.

33.2.3 Market Simulation and Parallel Operations.

The CAISO and the prospective EDAM Entity will engage in (a) market simulation that accounts for the prospective EDAM Entity's implementation circumstances and (b) at least 30 days of parallel operations representing the Extended Day-Ahead Market to support the CAISO and the prospective EDAM Entity's implementation.

33.2.4 Reporting.

The CAISO will report on the CAISO Website periodically, but not less than once during market simulation, on progress towards completing the implementation activities and once again during parallel operations confirming completion of the implementation activities.

33.2.5 Implementation Activities.

The CAISO and the prospective EDAM Entity will complete the following implementation activities:

- (A) **Execution of Necessary Agreements.** The prospective EDAM Entity has complied with Section 33.2.1, executed any necessary agreements for operating as an EDAM Entity, and helped the CAISO secure necessary agreements with third party prospective EDAM Market Participants.
- (B) **Operations Training.** Prior to the start of parallel operations as set forth in Section 33.2.3, all operations staff (including contractors or vendors) identified by the prospective EDAM Entity who will have responsibility for EDAM operations, market transactions and settlements, will have completed identified CAISO training modules.
- (C) **Forecasting Capability.** The CAISO and, to the extent the prospective EDAM Entity will use its own forecasts or is otherwise required to provide forecasting information to the CAISO, the prospective EDAM Entity has demonstrated its respective forecasting capability through –
 - (i) the definition of day-ahead demand forecast boundaries based on the conforming and non-conforming load characteristics, as applicable;
 - (ii) the documentation of EDAM Entity's choice of day-ahead demand forecast provider and how the demand forecast will be completed;
 - (iii) the accuracy of the CAISO forecast of demand based on historical actual load data for the defined demand forecast boundaries;
 - (iv) the identification of weather stations locations used in forecasting, as applicable;
 - (v) the identification of the source of day-ahead Variable Energy Resource forecasts;
 - (vi) the accuracy of the day-ahead forecast of Variable Energy Resources;
 - (vii) the identification of all Hybrid Resources; and

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- (viii) the provision of CAISO historical data on day-ahead demand and renewable forecast information to fill the needed historical data period to produce the Imbalance Reserve requirements at the net load level.
- (D) **Resource Sufficiency Evaluation.** The prospective EDAM Entity Scheduling Coordinator demonstrates its ability to pass the Resource Sufficiency Evaluation for the prospective EDAM Entity's Balancing Authority Area.
- (E) **Transmission Availability.** The prospective EDAM Entity confirms initial registration of the transmission rights of the EDAM Transmission Service Providers in its Balancing Authority Area available for EDAM Transfers or that otherwise may be scheduled in the Day-Ahead Market.
- (F) **Operating Procedures.** Prior to the start of parallel operations pursuant to Section 33.2.3, the CAISO and the prospective EDAM Entity have defined, completed, and tested operating procedures for the prospective EDAM Entity and its Scheduling Coordinator's participation in the Extended Day-Ahead Market.
- (G) **System Readiness and Integration.**
 - (i) **System and Functional Testing.** The prospective EDAM Entity and the CAISO have tested the functional and system elements in accordance with functional and system testing documentation posted on the CAISO Website.
 - (ii) **Prospective EDAM Entity Identification.** The CAISO has established and the prospective EDAM Entity has tested all necessary SCIDs and Resource IDs established for the prospective EDAM Entity's Balancing Authority Area.
 - (iii) **Certificates and Access.** The prospective EDAM Entity has issued all necessary certificates to its employees, contractors and vendors that require system access to perform EDAM-related job functions.
- (H) **Market Simulation and Structured Scenarios simulation.** The prospective EDAM Entity operations staff identified by the prospective EDAM Entity who will

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have responsibility for EDAM operations, transactions and settlements, have executed and passed all structured scenarios provided by CAISO with all significant issues resolved.

- (I) **Settlements.** The CAISO and the prospective EDAM Entity have demonstrated that –
 - (i) CAISO settlement statements and invoices match the operational data published to stakeholders or fed into settlement system and the resulting calculations correspond to the formulas defined in CAISO's tariff and Business Practice Manuals.
 - (ii) CAISO settlement statements and invoices allocates charges and credits to its customers accurately reflecting system and market data during parallel operations.
- (J) **Parallel Operations Plan.** The period of parallel operations specified in Section 33.2.3 runs consistently and in accordance with the prospective EDAM Entity specific parallel operations plan.
- (K) **Historical Revenue Recovery.** As specified in the Business Practice Manual for the Extended Day-Ahead Market, but no later than three (3) months before the EDAM Access Charge would begin to be assessed, the EDAM Entity, and the CAISO for the CAISO Balancing Authority Area for the initial EDAM implementation, will exchange the information and documentation necessary to account for the EDAM Recoverable Revenue pursuant to Section 33.26 associated with the EDAM Transmission Service Providers in its Balancing Authority Area.

33.2.6 Readiness.

No later than 10 days prior to the prospective EDAM Entity Implementation Date as established in the EDAM Entity Implementation Agreement, the CAISO will determine, in consultation with the prospective EDAM Entity, whether prospective EDAM Entity will be ready for the prospective EDAM Entity's participation in the Extended Day-Ahead Market on the EDAM Entity

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Implementation Date as contemplated by the implementation activities in Section 33.2.5.

33.2.7 Delay.

If the CAISO or the prospective EDAM Entity determines that either cannot proceed with implementation on the EDAM Entity Implementation Date, the CAISO and the prospective EDAM Entity will establish a new EDAM Entity Implementation Date as soon as it can be determined and reflect that date in an amended version of the EDAM Entity Implementation Agreement.

33.2.8 Confidentiality

The CAISO and the prospective EDAM Entity will provide confidential treatment of all information they exchange in connection with the EDAM Entity Implementation Agreement necessary to complete the implementation activities and which is identified as containing commercially sensitive or confidential information.

33.3 Local Furnishing PTO

The provisions applicable to transmission facilities owned by a Local Furnishing PTO or other Tax-Exempt PTO in CAISO Tariff Section 3 do not apply to the Extended Day-Ahead Market.

33.4 Roles And Responsibilities

Section 4 will apply to EDAM Market Participants to the extent their roles and responsibilities are included in the Extended Day-Ahead Market, in addition to the provisions in this Section 33.4.

(a) Nothing in this Section 33 will alter the CAISO's responsibilities under the other sections of the CAISO Tariff, under any agreement not required by Section 33, or under NERC Reliability Standards, any other NERC requirements or criteria, or any other Applicable Reliability Criteria as the Balancing Authority for the CAISO Balancing Authority Area and the transmission operator for the CAISO Controlled Grid. During any interruption of the normal operation of the Day-Ahead Market, the CAISO as Balancing Authority will remain responsible for managing the resources in its Balancing Authority Area and the flows on transmission lines internal to the CAISO Balancing Authority Area, including imports and exports, for the duration of the interruption.

(b) Nothing in this Section 33 will alter an EDAM Entity's responsibilities under NERC Reliability Standards and any other NERC requirements or criteria as the Balancing Authority for the EDAM Entity Balancing Authority Area and, to the extent applicable, as the transmission operator for

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transmission facilities within its Balancing Authority Area. During any interruption of the normal operation of the Day-Ahead Market, the EDAM Entity as Balancing Authority will remain responsible in accordance with Section 33.7 for managing the resources in its Balancing Authority Area and the flows on internal transmission lines, including imports into and exports out of its Balancing Authority Area, for the duration of the interruption.

(c) An EDAM Transmission Service Provider will remain the transmission service provider in accordance with its tariff and will be responsible to manage transmission sales, reservations, and schedules on its transmission system in accordance with the EDAM Transmission Service Provider tariff.

(d) The CAISO will remain the transmission service provider for transmission capacity on the CAISO Controlled Grid in accordance with the CAISO Tariff .

33.4.1 EDAM Entity

An EDAM Entity must be a Balancing Authority registered and certified as such under the applicable authorities and execute an EDAM Addendum to EIM Entity Agreement no later than ninety (90) days before the EDAM Entity Implementation Date. Upon receipt of such notice, the CAISO will undertake all necessary preparations to enable operation of the Day-Ahead Market within the EDAM Entity Balancing Authority Area, as outlined in the Business Practice Manual for the Extended Day-Ahead Market, including issuance of a Market Notice within five Business Days after receipt of such notice.

An EDAM Entity must:

- (a) perform the obligations of an EDAM Entity in accordance with the EDAM Addendum to EIM Entity Agreement, Section 33, and other provisions of the CAISO Tariff that apply to EDAM Entities, subject to the limitations specified in Section 33.1;
- (b) determine and inform the CAISO about all Load Serving Entities within the EDAM Entity's Balancing Authority Area necessary to enable operation of the Day -Ahead Market in its Balancing Authority Area;
- (c) qualify as, or secure representation by, an EDAM Entity Scheduling Coordinator, provided that an EDAM Entity may not be represented by more than one EDAM Entity

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Scheduling Coordinator;

(d) provide the CAISO and its EDAM Entity Scheduling Coordinator with information regarding all Transmission Constraints of which it is aware;

(e) work with the CAISO to identify all resources within its Balancing Authority Area that do not currently participate in the Energy Imbalance Market pursuant to Section 29 so they can be represented in the Extended Day-Ahead Market as EDAM Resources and execute an EDAM Addendum to EIM Participating Resource Agreement pursuant to Section 33, which may be accomplished through execution of a separate EDAM Addendum to EIM Participating Resource Agreement or by including all or some of the resources under its EDAM Addendum to EIM Participating Resource Agreement;

(f) define Load Aggregation Points in its Balancing Authority Area and be responsible for serving the associated Demand, including for an EDAM Load Serving Entity in its Balancing Authority Area that will be separately responsible for serving the associated Demand;

(g) identify and inform the CAISO which resource types supported by the CAISO Markets are eligible to participate in the Day-Ahead Market as EDAM Resource Facilities;

(h) determine and inform the CAISO of EDAM Transmission Service Providers within the EDAM Entity Balancing Authority Area;

(i) serve as the entity that interacts with EDAM Transmission Service Providers within the EDAM Entity Balancing Authority Area; and

(j) inform the CAISO whether or not the EDAM Entity intends to utilize the CAISO's Demand Forecast consistent with Section 33.31.1.

33.4.2 EDAM Transmission Service Provider

An EDAM Transmission Service Provider must execute an EDAM Transmission Service Provider Agreement with the CAISO. An EDAM Transmission Service Provider that is not an EDAM Entity and no longer wishes to make transmission service available for use in the Day-Ahead Market may terminate the EDAM Transmission Service Provider Agreement pursuant to its terms only if such termination is concurrent with the termination of participation in the Day-Ahead Market by

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the EDAM Entity for the Balancing Authority Area within which the EDAM Transmission Service Provider operates or holds transmission rights.

An EDAM Transmission Service Provider must:

- (a) perform the obligations of an EDAM Transmission Service Provider in accordance with the EDAM Transmission Service Provider Agreement, Section 33, and other provisions of the CAISO Tariff that apply to EDAM Transmission Service Providers;
- (b) have provisions in effect in the EDAM Transmission Service Provider's tariff, as necessary or applicable, to enable operation of the Day-Ahead Market, including an obligation for customers of the EDAM Transmission Service Provider to have a Scheduling Coordinator for purposes of interfacing with the CAISO;
- (c) use the EDAM Entity Scheduling Coordinator as the Scheduling Coordinator for the EDAM Transmission Service Provider with respect to Settlements of charges for the EDAM Entity Balancing Authority Area and services provided by the EDAM Entity under applicable tariffs and agreements;
- (d) provide information about transmission capacity available to the Day-Ahead Market to its EDAM Entity Scheduling Coordinator and the CAISO; and
- (e) ensure transmission customers of the EDAM Transmission Service Provider that will submit schedules in the Day-Ahead Market secure representation by a Scheduling Coordinator.

33.4.3 EDAM Entity Scheduling Coordinator

An EDAM Entity Scheduling Coordinator must meet or have met the certification requirements in Section 4.5.1 for a Scheduling Coordinator, and enter into an EDAM Addendum to EIM Entity Scheduling Coordinator Agreement with the CAISO, which will satisfy the obligation to enter into a Scheduling Coordinator Agreement under Section 4.5.1 with regard to its representation of the EDAM Entity.

An EDAM Entity Scheduling Coordinator may represent a Market Participant other than an EDAM Entity if it enters into a Scheduling Coordinator Agreement under Section 4.5.1 with regard to

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such Market Participant or more than one EDAM Entity if it has certified to the CAISO in the manner described in the Business Practice Manual for the Extended Day-Ahead Market that it has informed each EDAM Entity it represents of the multiple representation. However, an EDAM Entity Scheduling Coordinator may not also be an EDAM Resource Scheduling Coordinator or a Scheduling Coordinator for a Participating Generator, Participating Load, Demand Resource Provider, or Load Serving Entity, unless the EDAM Entity Scheduling Coordinator is a transmission provider subject to the standards of conduct set forth in 18 C.F.R. § 358, is a governmental entity that agrees to comply with standards of conduct equivalent to those set forth in 18 C.F.R. § 358, or is a generation-only balancing authority that has implemented procedures equivalent to the protections offered under the standards of conduct that specifically include procedures addressing the no-conduit rule to preclude non-public transmission function information that may be received from being passed to employees that satisfy the definition of a “Marketing Function Employee.”

33.4.4 EDAM Resource

The owner or operator of each resource in an EDAM Entity Balancing Authority Area is required to participate in the Day-Ahead Market and is required to register its resource with the CAISO as an EDAM Resource Facility if it is capable of delivering Energy, Imbalance Reserves, Reliability Capacity, Flexible Ramping Product, other Ancillary Services, curtailable Demand, or Demand Response Services (or similar services) that may be committed in the Day-Ahead and committed for dispatch in the Real-Time Market as provided in the CAISO Tariff and the Business Practice Manual for the Extended Day-Ahead Market.

33.4.4.1 EDAM Addendum to EIM Participating Resource Agreement. An EDAM Resource must (a) perform the obligations of an EDAM Resource under the EDAM Addendum to EIM Participating Resource Agreement and Section 33, and (b) perform the obligations applicable to Market Participants and resources under the provisions of the CAISO Tariff described in Section 33.1. An EDAM Resource Facility must be listed in an executed EDAM Addendum to EIM Participating Resource Agreement.

33.4.4.2 EDAM Resource and the Energy Imbalance Market. An EDAM Resource

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Facility must also be registered as an EIM Resource pursuant to Section 29 and participate in the Real-Time Market as an EIM Participating Resource through representation by an EIM Participating Resource Scheduling Coordinator. Resource non-participation as provided under Section 29 is no longer an option.

33.4.5 EDAM Resource Scheduling Coordinator.

Each EDAM Resource must be represented by an EDAM Resource Scheduling Coordinator. An EDAM Resource Scheduling Coordinator must meet or have met the certification requirements in Section 4.5.1 for a Scheduling Coordinator, and enter into an EDAM Addendum to EIM Participating Resource Scheduling Coordinator Agreement with the CAISO (in addition to an EIM Participating Resource Scheduling Coordinator Agreement if it has not done so already), which will satisfy the obligation to enter into a Scheduling Coordinator Agreement under Section 4.5.1 with regard to its representation of the EDAM Resource.

An EDAM Resource Scheduling Coordinator may represent more than one EDAM Resource or a Market Participant other than an EDAM Resource, but only if it enters into a Scheduling Coordinator Agreement under Section 4.5.1 with regard to such Market Participant. However, an EDAM Resource Scheduling Coordinator may not also be an EDAM Entity Scheduling Coordinator unless the EDAM Resource Scheduling Coordinator is a transmission provider subject to the standards of conduct set forth in 18 C.F.R. § 358, is a governmental entity that agrees to comply with standards of conduct equivalent to those set forth in 18 C.F.R. § 358, or is a generation-only balancing authority that has implemented procedures equivalent to the protections offered under the standards of conduct that specifically include procedures addressing the no-conduit rule to preclude non-public transmission function information that may be received from being passed to employees that satisfy the definition of a “Marketing Function Employee.”

An EDAM Resource Scheduling Coordinator must (a) perform the obligations of an EDAM Resource Scheduling Coordinator under the EDAM Addendum to EIM Participating Resource Scheduling Coordinator Agreement and Section 33, (b) perform the obligations of a Scheduling Coordinator under the provisions of the CAISO Tariff described in Section 33.1(c), (c) ensure that

the entity it represents has obtained any transmission service necessary to participate in the Extended Day-Ahead Market under the terms of the CAISO Tariff or the tariff of another transmission service provider, as applicable, and (d) register in the manner set forth in the Business Practice Manual for the Extended Day-Ahead Market all EDAM Resources that it represents, provide such information to the EDAM Entity Scheduling Coordinator, and update such information with the CAISO in a timely manner.

33.4.6 EDAM Load Serving Entity

All Load in an EDAM Entity Balancing Authority Area must be represented by an EDAM Load Serving Entity. An EDAM Load Serving Entity will be responsible for Load in the Day-Ahead Market and the Real-Time Market, including the submission of Bids and Settlement of Demand, in accordance with Section 33 and Section 29, and must be represented by an EDAM Load Serving Entity Scheduling Coordinator.

33.4.7 EDAM Load Serving Entity Scheduling Coordinator

An EDAM Load Serving Entity Scheduling Coordinator must meet or have met the certification requirements in Section 4.5.1 for a Scheduling Coordinator, and enter into a Scheduling Coordinator Agreement with the CAISO, which will satisfy the obligation to enter into a Scheduling Coordinator Agreement under Section 4.5.1 with regard to its representation of the EDAM Load Serving Entity.

An EDAM Load Serving Entity Scheduling Coordinator may represent more than one EDAM Load Serving Entity or a Market Participant other than an EDAM Load Serving Entity, but only if it enters into a Scheduling Coordinator Agreement under Section 4.5.1 with regard to such Market Participant. However, an EDAM Load Serving Entity Scheduling Coordinator may not also be an EDAM Entity Scheduling Coordinator unless the EDAM Load Serving Entity Scheduling Coordinator either is a transmission provider subject to the standards of conduct set forth in 18 C.F.R. § 358, a governmental entity that agrees to comply with standards of conduct equivalent to those set forth in 18 C.F.R. § 358, or a generation-only balancing authority that has implemented procedures equivalent to the protections offered under the standards of conduct that specifically include procedures addressing the no-conduit rule to preclude non-public transmission function

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information that may be received from being passed to employees that satisfy the definition of a “Marketing Function Employee”.

An EDAM Load Serving Entity Scheduling Coordinator must (a) perform the obligations of an EDAM Load Serving Entity Scheduling Coordinator under the applicable Scheduling Coordinator Agreement and Section 33, (b) perform the obligations of a Scheduling Coordinator under the provisions of the CAISO Tariff described in Section 33.1, (c) ensure that Load it represents has secured any transmission service necessary to participate in the Extended Day-Ahead Market under the terms of the applicable EDAM Transmission Service Provider tariff, and (d) register the EDAM Demand that it represents in the manner set forth in the Business Practice Manual for the Extended Day-Ahead Market, provide such information to the EDAM Entity Scheduling Coordinator, and update such information with the CAISO in a timely manner.

33.4.8 Scheduling Coordinator Representation

The Scheduling Coordinator for an EDAM Entity must be the same as the Scheduling Coordinator for the corresponding EIM Entity to ensure alignment between representation of the Balancing Authority Area in the Day-Ahead Market and the Real-Time Market. The Scheduling Coordinator for an EDAM Resource must be the same as the Scheduling Coordinator for the corresponding EIM Participating Resource to ensure alignment between representation of resources in the Day-Ahead Market and the Real-Time Market. Similarly, an EDAM Load Serving Entity Scheduling Coordinator will be responsible for Settlement of the Demand in the Real-Time Market it represents in the Day-Ahead Market. If the Demand represented by an EDAM Load Serving Entity Scheduling Coordinator is also associated with an EIM Sub-Entity, the Scheduling Coordinator must also represent the Demand for the EIM Sub-Entity in the Real-Time Market.

33.5 Black Start

The provisions applicable to Black Start and system restoration in Section 5 do not apply to the Extended Day-Ahead Market.

33.6 Communications

Section 6 will apply to EDAM Market Participants and govern communications and information availability

regarding EDAM Market Participants in the Day-Ahead Market, except as this Section 33.6 specifically provides.

33.6.1 Technical Requirements.

The EDAM Entity must satisfy the technical and communication requirements specified in the Business Practice Manual for the Extended Day-Ahead Market, which will be based on the Inter-Control Center Communication Protocol and Reliability Standards.

33.6.2 Communications and OASIS.

Section 6 will govern communications and information availability regarding the participation of EDAM Market Participants in the Day-Ahead Market except that (a) references to internal resources will be deemed to include EDAM Resource Facilities, (b) references in Sections 6.2.2.1 and 6.5.2.1 to the CAISO Controlled Grid and references in Sections 6.5.4.2.2(a) and 6.5.5.1.1 to the CAISO Balancing Authority Area will be deemed references to the EDAM Area, and (c) the provisions of Section 6.3.1 that authorize the CAISO to communicate directly with Generators and Demand Response Providers to ensure System Reliability will not apply to Generators and Demand Response Providers in the EDAM Entity's Balancing Authority Area or pseudo-tied from an external Balancing Authority Area to the EDAM Entity Balancing Authority Area.

33.6.3 Loss of Communications.

The CAISO and each EDAM Entity, EDAM Entity Scheduling Coordinator, and EDAM Load Serving Entity Scheduling Coordinator will establish procedures to address an interruption of Day-Ahead Market communications, which will include steps to be taken to restore communications and address any impact on system or market operations as provided in Section 33. An EDAM Entity that loses communication with the CAISO remains responsible for managing its Balancing Authority Area without the Day-Ahead Market, and each EDAM Entity will have communication procedures to address such circumstances.

33.6.4 Variable Energy Resource Forecast Communications.

If the EDAM Resource Scheduling Coordinator for a Variable Energy Resource elects to use an independent forecasting service, it must make data transfer arrangements with the CAISO for the CAISO to receive the forecast in a format and on a schedule set forth in the Business Practice

Manual for the Extended Day-Ahead Market.

33.6.6 Provision of Market Information to EDAM Entities

CAISO may make certain market information available to an EDAM Entity to the extent such information relates to the EDAM Entity's Balancing Authority Area operations and is equivalent to information available to the CAISO Balancing Authority. This information will not include individual market bids or prices or other information that could be used to gain an unfair competitive advantage in the CAISO Markets. CAISO, in its function as a market operator, will provide such information in a manner that does not unduly discriminate against or give undue preference to any EDAM Entity, including CAISO as a Balancing Authority and transmission operator.

33.6.5 Hybrid Resource Forecast Communications.

If the EDAM Resource Scheduling Coordinator for a Hybrid Resource elects to use an independent forecasting service, it must make data transfer arrangements with the CAISO for the CAISO to receive the forecast in a format and on a schedule set forth in the Business Practice Manual for the Extended Day-Ahead Market.

33.7 EDAM Operations Under Normal And Emergency Conditions

Section 7 of the CAISO Tariff will not apply to EDAM Market Participants; rather, the specific provisions of this Section 33.7 will apply to EDAM Market Participants.

33.7.1 Normal Operations

The CAISO will administer the transmission capacity made available to the Day-Ahead Market to support transfers of Energy, Reliability Capacity, and Imbalance Reserves in the EDAM Area under normal operations. The CAISO will issue a Day-Ahead Schedule only to an EDAM Entity Scheduling Coordinator or EDAM Load Serving Entity Scheduling Coordinator for Load in the Day-Ahead Market. The CAISO will issue a Day-Ahead Schedule to an EDAM Resource only if that resource has a Bid in the Day-Ahead Market, including Load participating as an EDAM Resource. The CAISO will have no authority to issue an Exceptional Dispatch to an EDAM Resource.

33.7.2 EDAM Transfer Modeling.

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EDAM Transfers support both Energy and capacity transfers between Balancing Authority Areas in the EDAM Area. Each EDAM Transfer is modeled by a pair of export and import EDAM Transfer System Resources, one for each Balancing Authority Area on each side of the EDAM Internal Intertie with equal Energy schedules and/or capacity awards. EDAM Transfers include the exchange of Energy, Imbalance Reserves, Reliability Capacity, and ancillary services in support of the EDAM RSE at EDAM Internal Interties. The Ancillary Service transfers are declared by the Balancing Authority, not optimized in the IFM, and supported by designated transmission capacity. The CAISO will model individual constraints for each EDAM Transfer scheduling limit available on an EDAM Internal Intertie based on the transmission capacity made available under Section 33.18, and will enforce the scheduling limit for an EDAM Transfer in the Day-Ahead Market. The CAISO will calculate the net scheduled EDAM Transfers for the Balancing Authority Areas in the EDAM Area and derive from these net scheduled EDAM Transfers the schedules on EDAM Internal Interties for E-Tag purposes. The CAISO will communicate the EDAM Transfer limit to the EDAM Entity Scheduling Coordinator with each Balancing Authority Area in the EDAM Area for E-Tag purposes.

33.7.3 Manual Dispatch.

The EDAM Entity may issue a manual dispatch to an EDAM Resource in its Balancing Authority Area, outside of the Market Clearing of the Day-Ahead Market, and enforce Transmission Constraints when necessary to address issues in the EDAM Entity Balancing Authority Area that the CAISO is unable to address through normal economic Dispatch and Congestion Management in accordance with the timelines and procedures in Business Practice Manual for the Extended Day-Ahead Market. The EDAM Entity Scheduling Coordinator will inform the CAISO of the manual dispatch through submission of a Self-Schedule or EIM Manual Dispatch, and if the EDAM Entity Balancing Authority Area is under manual operation. Upon receiving notice of a manual dispatch, the CAISO will reflect the manual dispatch in the applicable CAISO Market depending upon when the notice is received and only to the extent that reflection of the manual dispatch in the market is practicable.

33.7.4 EDAM Disruption.

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The CAISO may declare an interruption of EDAM Entity participation in the Day-Ahead Market when in its judgment (a) operational circumstances (including a failure of the Day-Ahead Market operation to produce feasible results in the EDAM Area or other CAISO Market Disruption) in the EDAM Area have caused or are in danger of causing an abnormal system condition in the CAISO Balancing Authority Area or an EDAM Entity Balancing Authority Area that requires immediate action, or (b) communications between the CAISO and EDAM Market Participants are disrupted and prevent an EDAM Entity, EDAM Entity Scheduling Coordinator, EDAM Load Serving Entity Scheduling Coordinator, or EDAM Resource Scheduling Coordinator from accessing CAISO systems to submit or receive information. The CAISO will reinstate normal operation of the Day-Ahead Market in the EDAM Area at such time as it determines that the conditions that caused the interruption of EDAM Entity participation in the Day-Ahead Market have been resolved.

33.7.4.1 CAISO Response to EDAM Disruption. If the CAISO declares an interruption of EDAM Entity participation in the Day-Ahead Market or the CAISO Balancing Authority Area in the EDAM Area, the CAISO may in its judgment, among other things:

(a) separate the affected EDAM Entity Balancing Authority Area or the CAISO Balancing Authority Area from the EDAM Area and maintain the Day-Ahead Market for other Balancing Authority Areas in the EDAM Area including the CAISO Balancing Authority Area, by enforcing a net transfer constraint for the affected Balancing Authority Area to separate it from the remainder of the EDAM Area,

(b) reduce or suspend EDAM Transfers between one or more Balancing Authority Areas in the EDAM Area, including the CAISO Balancing Authority Area, in accordance with Section 33.7.5, and communicate and coordinate with impacted EDAM Entities to assess and potentially mitigate potential issues within the EDAM Area,

(c) instruct one or more EDAM Entities to maintain system balance within their Balancing Authority Area without Day-Ahead Market results, or take similar actions within the CAISO Balancing Authority Area,

(d) in addition or as an alternative, use market results in the Day-Ahead Market in accordance with Section 7.7.9 or take any of the actions specified in Section 7.7.6 or

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Section 7.7.7 with respect to the Day-Ahead Market, with reference to Section 29.7(j)(2)(D)(i) as necessary to establish an Administrative Price,

(e) suspend or limit the ability of all Scheduling Coordinators to submit Virtual Bids on behalf of Convergence Bidding Entities at specific Eligible PNodes or Eligible Aggregated PNodes, or at all Eligible PNodes or Eligible Aggregated PNodes, or

(f) postpone the publication of Day-Ahead Market results.

33.7.4.2 EDAM Entity Responsibility. In response to an interruption of EDAM Entity participation in the Day-Ahead Market by the CAISO, all EDAM Entities will follow NERC Reliability Standards applicable to their roles as Balancing Authorities in an effort to alleviate operational and system conditions and restore routine operations, and all EDAM Entity Scheduling Coordinators will promptly inform the CAISO of actions taken by the EDAM Entities they represent in response to an interruption of EDAM Entity participation in the Day-Ahead Market by the CAISO through updates to their Schedules, Interchange E-Tags, transmission limit adjustments, or Outage and derate information, as applicable. If the interruption of EDAM Entity participation results in the EDAM Entity not receiving a Day-Ahead Market Schedule, then the EDAM Entity must submit information to the RTM as required by Section 29 and applicable to an EIM Entity. If it is necessary for an EDAM Entity to reduce or suspend EDAM Transfers between one or more Balancing Authority Areas in the EDAM Area, the EDAM Entity must communicate and coordinate with the CAISO and impacted EDAM Entities prior to curtailing EDAM Transfers or as soon as practicable, and should continue to communicate and coordinate with the CAISO and all EDAM Entities to assess and mitigate potential issues within the EDAM Area.

33.7.5 EDAM Transfer Priority Relative to Demand

EDAM Transfers will have a priority equal to Demand in the EDAM Area. If it is necessary for an EDAM Entity or the CAISO to reduce or suspend EDAM Transfers between one or more Balancing Authority Areas in the EDAM Area based on operational judgement and consistent with Good Utility Practice, the EDAM Entity will do so solely with respect to its Balancing Authority Area or the CAISO will do so solely with respect to its Balancing Authority Area, provided that the

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reduction or suspension is consistent with the EDAM Transmission Service Provider tariff or the CAISO Tariff, as applicable, and communicated to potentially impacted Balancing Authority Areas in the EDAM Area in advance, if practicable, or immediately following the reduction or suspension. This communication and subsequent coordination should continue among the CAISO and all potentially impacted EDAM Entities to assess and mitigate potential issues within the EDAM Area until resolution of the circumstances underlying the reduction or suspension in the Real-Time Market as may be reflected by information provided by the CAISO under Section 29.34(o). The CAISO will promptly adjust the EDAM Transfer limits or EIM Transfer limits associated with the reduction or suspension to reflect in the CAISO Markets the reduction or suspension directed by the EDAM Entity with respect to its Balancing Authority Area or the CAISO with respect to its Balancing Authority Area.

33.8 Ancillary Services

Ancillary services are not procured through the EDAM and the Ancillary Services provisions of Section 8 do not apply to the Extended Day-Ahead Market, including other CAISO Tariff sections that apply to the procurement and pricing of Ancillary Services. Each EDAM Entity will remain responsible for procuring and maintaining its own Ancillary Services to meet its Balancing Authority Area obligations and communicating these quantities to the CAISO as Self-Provided Ancillary Services through a Submission to Self-Provide an Ancillary Service.

33.8.1 [Not Used]

33.9 Outages and Critical Contingencies

Section 9 does not apply to EDAM Market Participants except as referenced in this Section 33.9.

33.9.1 Maintenance Outages

An EDAM Entity, EDAM Transmission Service Provider, or transmission operator within the Balancing Authority Area shall remain responsible for performing engineering studies and approving Maintenance Outages under the applicable EDAM Transmission Service Provider tariff or the Reliability Standards, as applicable, within its EDAM Entity Balancing Authority Area on both transmission facilities and EDAM Resources. An EDAM Entity Scheduling Coordinator must submit notice of Maintenance Outages approved by that EDAM Entity to the CAISO by the means

and in the manner set forth in the Business Practice Manual for the Extended Day-Ahead Market at least seven Business Days prior to the planned Outage. The CAISO implements Maintenance Outages submitted by that deadline in the Day-Ahead Market process and informs the EDAM Entity of any anticipated transmission overloads expected due to Maintenance Outages reported to the CAISO.

33.9.2 Forced Outages

EDAM Entity Scheduling Coordinators and EDAM Resource Scheduling Coordinators must report Forced Outages to the CAISO for Outages of transmission facilities within the EDAM Entity Balancing Authority Area they represent and Generating Units or other resources they represent as EDAM Resources, respectively, in accordance with the provisions of Section 9 regarding Forced Outage reporting, including Sections 9.3.6.4.1(b), 9.3.6.4.1(c), 9.3.6.4.1(d), 9.3.6.4.2(2), 9.3.6.4.2(3), and 9.3.10.

33.9.3 Transmission Limits

An EDAM Entity Scheduling Coordinator must notify the CAISO by the means and in the manner specified in the Business Practice Manual for the Extended Day-Ahead Market regarding transmission limits on the transmission capacity made available to the Day-Ahead Market within the EDAM Entity Balancing Authority Area that need to be enforced in the Day-Ahead Market.

33.10 EDAM Metering and Telemetry

Section 10 will apply in the EDAM unless otherwise noted in this Section 33.10. In the event of any conflict, this Section 33.10 will apply.

Scheduling Coordinators must ensure compliance with this Section 33.10. The EDAM Entity Scheduling Coordinator will ensure compliance with this Section 33.10 for each Energy, Load, intertie, or other resource in its Balancing Authority Area unless that resource or Load has its own Scheduling Coordinator. The EDAM Entity will ensure each EDAM Market Participant in an EDAM Entity Balancing Authority Area becomes either a CAISO Metered Entity or a Scheduling Coordinator Metered Entity and complies with the requirements of Section 10.

33.10.1 Demand Metering

The EDAM Entity will ensure that any Load Aggregation Point in its Balancing Authority Area not

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represented by the EDAM Entity Scheduling Coordinator is metered separately so that the associated Demand may be settled.

33.10.2 EDAM Resource Metering

All EDAM Resource Facilities must be CAISO Metered Entities or Scheduling Coordinator Metered Entities and comply with Section 10. Scheduling Coordinators for EDAM Resources may elect to submit Meter Data in 5-minute or 15-minute intervals. Scheduling Coordinators for EDAM Resources that cannot meter the EDAM Resource's Energy every 15 minutes or faster may not submit Economic Bids or provide Ancillary Services, and must submit Self-Schedules in the EDAM and Real-Time Market.

33.10.3 EDAM Interties

EDAM Interties must have their Meter Data reported by either CAISO Metered Entities or Scheduling Coordinator Metered Entities. Each EDAM Entity Scheduling Coordinator for the EDAM Entity at the EDAM Intertie will be responsible for submitting Settlement Quality Meter Data in compliance with Section 10. EDAM Entity Scheduling Coordinators also must ensure the EDAM Intertie provides telemetry consistent with Section 33.10.4.

33.10.4 Telemetry

As described in the Business Practice Manual for the Extended Day-Ahead Market, Scheduling Coordinators for EDAM Interties and EDAM Resource Facilities, including without limitation Generating Units, storage resources, Distributed Energy Resources, and Demand Response Resources, must satisfy communications, telemetry, and control requirements in a manner that ensures that the CAISO and EDAM Entities will have the ability, consistent with the CAISO Tariff, to monitor the EDAM Resource Facility as necessary to maintain reliability in their respective Balancing Authority Areas. An EDAM Resource Facility will be exempt from this Section 33.10.4 if it has a rated capacity of less than ten (10) MW, unless it is certified by the CAISO to provide Ancillary Services. For purposes of this calculation, aggregated resources will calculate their aggregated capacity and provide telemetry at the aggregate level. EDAM Resource Facilities must comply with any EDAM Entity or Local Regulatory Authority requirements in addition to this Section 33.10.4.

33.11 Settlements and Billing for EDAM Market Participants

Section 33.11, rather than Section 11, will apply to CAISO Settlement with EDAM Entity Scheduling Coordinators, EDAM Resource Scheduling Coordinators, EDAM Load Serving Entity Scheduling Coordinators and EDAM Market Participants, except as otherwise provided in this Section 33.11.

33.11.1 Transfer Revenue and Congestion Revenue Allocation

EDAM Transfer revenue will be collected when one Balancing Authority Area in the EDAM Area provides Energy, Imbalance Reserve, and/or Reliability Capacity to another Balancing Authority Area in the EDAM Area and the associated EDAM Transfer System Resource prices elements or components differ. Congestion revenue will be collected when a Transmission Constraint or intertie scheduling limit binds at different locations of the transmission system and the LMP varies across a Balancing Authority Area in the EDAM Area. The CAISO will allocate EDAM Transfer revenue and Congestion revenue attributed to an EDAM Entity Balancing Authority Area or the CAISO Balancing Authority Area as provided below.

33.11.1.1 Transfer Revenue

The CAISO will calculate and allocate EDAM Transfer revenue for Energy transfers, Imbalance Reserve transfers, and/or Reliability Capacity transfers for a Balancing Authority Area in the EDAM Area.

33.11.1.1.1 Energy Transfer Revenue

EDAM Transfer revenue for Energy occurs when the net EDAM Transfer scheduling limit is reached in the Day-Ahead Market. This manifests as a separation of the Marginal Energy Cost of the binding Balancing Authority Area in the EDAM Area from the Marginal Energy Cost of an adjacent Balancing Authority Area in the EDAM Area that is attributed to an EDAM Transfer System Resource. The CAISO will allocate the EDAM Transfer revenue for Energy represented by EDAM Transfer System Resources equally between the Balancing Authority Areas, except when the CAISO has been notified during the implementation of the Day-Ahead Market within a prospective EDAM Entity Balancing Authority Area of an agreement between both EDAM Entities on either side of a EDAM Transfer that a different allocation for some portion of the EDAM Transfer revenue is

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required to give effect to a pre-existing commercial arrangement. The CAISO will then allocate the EDAM Transfer revenue for Energy directed to a Balancing Authority Area based upon whether the transmission across an EDAM Internal Intertie is made available by: (a) by an EDAM Entity pursuant to Section 33.18.2, in which case the CAISO will allocate the EDAM Transfer revenue to the EDAM Entity Scheduling Coordinator, (b) an EDAM Transmission Service Provider customer pursuant to Section 33.18.2.2.2, in which case the CAISO will allocate the EDAM Transfer revenue to the Scheduling Coordinator for the EDAM Transmission Service Provider customer, or (c) an EDAM Legacy Contract, Existing Contract, EDAM Transmission Ownership Right, or Transmission Ownership holder pursuant to Section 33.18.2.2.2, in which case the CAISO will allocate the EDAM Transfer revenue to the Scheduling Coordinator for the EDAM Legacy Contract, Existing Contract EDAM Transmission Ownership Right, or Transmission Ownership holder, respectively. An EDAM Entity will ensure EDAM Transfer revenue for Energy allocated to its EDAM Entity Scheduling Coordinator is thereafter allocated by all applicable EDAM Transmission Service Providers as may be detailed in the EDAM Transmission Service Provider tariff and business practices. EDAM Transfer revenue for Energy allocated to the CAISO Balancing Authority is further allocated according to the CAISO Tariff, unless allocated directly to a Scheduling Coordinator for a Transmission Ownership Rights holder or Existing Contract rights holder consistent with the terms of the agreement concerning use of the transmission facilities supporting the EDAM Transfer.

33.11.1.1.2 Imbalance Reserve Transfer Revenue

The CAISO collects EDAM Transfer revenue for Imbalance Reserves when the transfer scheduling limit binds while optimizing capacity to meet the Imbalance Reserves Requirement for an EDAM Entity Balancing Authority Area or the CAISO Balancing Authority Area and manifests as price separation between the Shadow Price of the Imbalance Reserves procurement between the two Balancing Authority Areas at an EDAM Transfer location that is attributed to an EDAM Transfer System Resource. The CAISO calculates the hourly EDAM Transfer revenue for Imbalance Reserves as the

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product of the transfer quantity and the difference between the Locational IRU Price or Locational IRD Price, as appropriate, on either side of the binding limit. The CAISO will allocate the EDAM Transfer revenue for Imbalance Reserves equally between the Balancing Authority Areas, except when the CAISO has been notified during the implementation of the Day-Ahead Market within a prospective EDAM Entity Balancing Authority Area of an agreement between both EDAM Entities on either side of a EDAM Transfer that a different allocation for some portion of the EDAM Transfer revenue is required to give effect to a pre-existing commercial arrangement. The CAISO will then allocate the EDAM Transfer revenue for Imbalance Reserves directed to a Balancing Authority Area based upon whether the transmission across an EDAM Internal Intertie is made available by: (a) an EDAM Entity pursuant to Section 33.18.2, in which case the CAISO will allocate the EDAM Transfer revenue to the EDAM Entity Scheduling Coordinator, (b) an EDAM Transmission Service Provider customer pursuant to Section 33.18.2.2.2, in which case the CAISO will allocate the EDAM Transfer revenue to the Scheduling Coordinator for the EDAM Transmission Service Provider customer, or (c) an EDAM Legacy Contract, Existing Contract, EDAM Transmission Ownership Right, or Transmission Ownership holder pursuant to Section 33.18.2.2.2, in which case the CAISO will allocate the EDAM Transfer revenue to the Scheduling Coordinator for the EDAM Legacy Contract, Existing Contract EDAM Transmission Ownership Right, or Transmission Ownership holder, respectively. An EDAM Entity will ensure that EDAM Transfer revenue for Imbalance Reserves allocated to its EDAM Entity Scheduling Coordinator is thereafter allocated by all applicable EDAM Transmission Service Providers as may be detailed in the EDAM Transmission Service Provider tariff. EDAM Transfer revenue for Imbalance Reserves allocated to the CAISO Balancing Authority is further allocated in the CAISO Balancing Authority Area according to the CAISO Tariff, unless allocated directly to a Scheduling Coordinator for a Transmission Ownership Rights holder or Existing Contract rights holder consistent with the terms of the agreement concerning use of the transmission facilities supporting the EDAM Transfer.

33.11.1.1.3 Reliability Capacity Transfer Revenue

EDAM Transfer revenue for Reliability Capacity occurs when the transfer scheduling limit binds while optimizing capacity to meet the RUC Procurement Target for an EDAM Entity Balancing Authority Area or the CAISO Balancing Authority Area and manifests as price separation between the Shadow Price of the Reliability Capacity procurement between the two Balancing Authority Areas at an EDAM Internal Intertie that is attributed to an EDAM Transfer System Resource. The CAISO calculates the hourly EDAM Transfer revenue for Reliability Capacity as the product of the transfer quantity and the difference between the RUC Price for RCU and the RUC Price for RCD, as applicable, on either side of the binding limit. The CAISO will allocate the EDAM Transfer revenue for Reliability Capacity equally between the Balancing Authority Areas, except when the CAISO has been notified during the implementation of the Day-Ahead Market within a prospective EDAM Entity Balancing Authority Area of an agreement between both EDAM Entities on either side of a EDAM Transfer that a different allocation for some portion of the EDAM Transfer revenue is required to give effect to a pre-existing commercial arrangement. The CAISO will then allocate the EDAM Transfer revenue for Reliability Capacity directed to a Balancing Authority Area based upon whether the transmission across an EDAM Internal Intertie is made available by: (a) an EDAM Entity pursuant to Section 33.18.2, in which case the CAISO will allocate the EDAM Transfer revenue to the EDAM Entity Scheduling Coordinator, (b) an EDAM Transmission Service Provider customer pursuant to Section 33.18.2.2.2, in which case the CAISO will allocate the EDAM Transfer revenue to the Scheduling Coordinator for the EDAM Transmission Service Provider customer, or (c) an EDAM Legacy Contract, Existing Contract, EDAM Transmission Ownership Right, or Transmission Ownership holder pursuant to Section 33.18.2.2.2, in which case the CAISO will allocate the EDAM Transfer revenue to the Scheduling Coordinator for the EDAM Legacy Contract, Existing Contract EDAM Transmission Ownership Right, or Transmission Ownership holder, respectively. An EDAM Entity will ensure that EDAM Transfer revenue for Reliability Capacity allocated to

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its EDAM Entity Scheduling Coordinator is thereafter allocated by all applicable EDAM Transmission Service Providers as may be detailed in the EDAM Transmission Service Provider tariff and business practices. EDAM Transfer revenue for Reliability Capacity allocated to the CAISO Balancing Authority Area is further allocated in the CAISO Balancing Authority Area according to the CAISO Tariff, unless allocated directly to a Scheduling Coordinator for a Transmission Ownership Rights holder or Existing Contract rights holder consistent with the terms of the agreement concerning use of the transmission facilities supporting the EDAM Transfer.

33.11.1.2 Congestion Revenue

The CAISO will collect Congestion revenue based on price differences in the Marginal Cost of Congestion of the LMP across PNodes within the EDAM Area. For each Settlement Period of the DAM, the CAISO will calculate the contribution of each Balancing Authority Area in the EDAM Area to the Marginal Cost of Congestion at each resource location and intertie in the EDAM Area for each Balancing Authority Area based on the location of the Transmission Constraints in each Balancing Authority Area, EDAM Interties, and constraints enforced outside of the EDAM Area needed to manage that Balancing Authority Area's responsibilities. The CAISO will distribute the Congestion Charge revenue collected from the Transmission Constraints in each Balancing Authority Area in the EDAM Area to the applicable Balancing Authority Area within which the Congestion occurred, following any adjustment for (a) the CAISO Balancing Authority Area in accordance with Section 11 and EDAM Entity Balancing Authority Areas to account for schedules associated with EDAM Legacy Contracts, EDAM Transmission Ownership Rights and registered EDAM Transmission Service Provider transmission customer rights under Sections 33.16, 33.17, and 33.18, respectively, and (b) the Marginal Cost of Congestion difference between nodes within an EDAM Balancing Authority Area that result from Transmission Constraints in a Balancing Authority Area in the EDAM Area outside of that EDAM Balancing Authority Area and are associated with registered, qualified and balanced Day-Ahead Self-Schedules under Section 33.11.1.2.1.

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An EDAM Entity will ensure that Congestion revenue allocated to its EDAM Entity Scheduling Coordinator is further allocated by all applicable EDAM Transmission Service Providers as may be detailed in the EDAM Transmission Service Provider tariff and business practices. Congestion revenue allocated to the CAISO Balancing Authority Area will be further allocated according to the CAISO Tariff, including Section 11.2.1 and Section 11.2.4.

33.11.1.2.1 EDAM Entity Balancing Authority Area MCC Adjustment

For each Settlement Period of the DAM, the CAISO will determine through calculations detailed in the Business Practice Manual for Settlements and Billing the Congestion difference within the EDAM Area from the contribution of qualified and balanced Day-Ahead Self-Schedules registered by the EDAM Entity in each EDAM Entity Balancing Authority Area to the Marginal Cost of Congestion at each resource location and inertia in the EDAM Area. This Congestion difference will be allocated to the EDAM Entity Balancing Authority Area where the qualified and balanced Day-Ahead Self-Schedule is associated for sub-allocation as required by Section 33.11.1.2. Qualification for this adjustment will be afforded to eligible long-term firm and monthly firm point-to-point and network integration transmission service rights, including conditional firm, as defined under the EDAM Transmission Service Provider tariff (with shorter-term rights being ineligible for this treatment). Registration of qualified transmission service rights will occur through the procedures described in Section 33.18.3 and result in a CRN to facilitate this adjustment. A Day-Ahead Self Schedule will be considered balanced for purposes of this adjustment in accordance with the provisions of Section 33.16 applicable to the determination of whether an EDAM Legacy Contract is balanced in the DAM.

33.11.2 EDAM RSE Failure Surcharge

A Balancing Authority Area in the EDAM Area must meet the requirements of the EDAM RSE for its Balancing Authority Area, as provided in Section 33.31.1.4. The applicable Scheduling Coordinator for each Balancing Authority Area in the EDAM Area that fails to meet all of the requirements of the EDAM RSE will be allocated the applicable EDAM RSE failure surcharge, as

provided in Section 33.31.1.5.

33.11.2.1 Calculation of the EDAM RSE Failure Surcharges

33.11.2.1.1 EDAM RSE On-Peak Upward Failure Insufficiency Surcharge

If a Balancing Authority Area in the EDAM Area fails to satisfy all of the upward components of the EDAM RSE, as set forth in Section 33.31.1.3, during any hour within the sixteen-hour on-peak period, then the applicable Scheduling Coordinator for the Balancing Authority Area may be allocated the EDAM RSE On-Peak Upward Failure Insufficiency Surcharge in each hour of the sixteen-hour on-peak period, with such surcharge established on a tiered structure, as provided in Section 33.31.1.5. The EDAM RSE On-Peak Upward Failure Insufficiency Surcharge will be calculated as the product of (a) the highest EDAM RSE Hourly Upward Deficiency Quantity during the sixteen-hour on-peak period of that day, (b) the greater of the published bilateral electric index prices for the applicable EDAM Trade Location, and (c) the EDAM RSE Failure Multiplier adjusted by the EDAM RSE Failure Scaling Factor. The EDAM RSE On-Peak Upward Failure Insufficiency Surcharge applied in each hour of the sixteen-hour block will be adjusted by the EDAM RSE On-Peak Upward Credit amount for each hour the Balancing Authority Area satisfied all of the upward components of the EDAM RSE. In the event the EDAM RSE On-Peak Credit amount exceeds the surcharge amount, the EDAM RSE On-Peak Upward Failure Insufficiency Surcharge will be zero.

33.11.2.1.2 EDAM RSE Off-Peak Upward Failure Insufficiency Surcharge

If a Balancing Authority Area in the EDAM Area fails to satisfy all of the upward components of the EDAM RSE, as set forth in Section 33.31.1.3 in the upward direction during any hour within the off-peak period, then the applicable Scheduling Coordinator for the Balancing Authority Area may be allocated the EDAM RSE Off-Peak Upward Failure Insufficiency Surcharge for each hour during the off-peak period in which there has been an upward failure. The EDAM RSE Off-Peak Upward Failure Insufficiency Surcharge will be calculated as the product of (a) EDAM RSE Hourly Upward Deficiency Quantity; (b) the load-weighted average of the LMP of the LAP within that Balancing Authority Area

and (c) the EDAM RSE Failure Multiplier.

33.11.2.1.3 EDAM RSE Downward Failure Insufficiency Surcharge

If a Balancing Authority Area in the EDAM Area fails to satisfy all of the downward components of the EDAM RSE during any hour, as set forth in Section 33.31.1.3, then the applicable Scheduling Coordinator for the Balancing Authority Area may be allocated the EDAM RSE Downward Failure Insufficiency Surcharge for each hour in which there has been a downward failure. The EDAM RSE Downward Insufficiency Charge will be calculated as the product of (a) the EDAM RSE Hourly Downward RSE Deficiency Quantity and (b) the Marginal Energy Cost of that Balancing Authority Area. If the EDAM RSE Hourly Downward Deficiency Quantity is greater than ten (10) MW, then the Balancing Authority Area will be assessed the EDAM RSE Downward Failure Insufficiency Surcharge for each hour in which there has been a downward failure. If the EDAM RSE Hourly Downward Deficiency Quantity is less than or equal to ten (10) MW, then there will be no EDAM RSE Downward Failure Insufficiency Surcharge during the applicable hour given the *de minimis* nature of the failure.

33.11.2.2 EDAM RSE Surcharge Distribution

The CAISO will sum all EDAM RSE surcharge-related revenue on an hourly basis and distribute as follows:

33.11.2.2.1 EDAM RSE On-Peak Upward Failure Insufficiency Revenue

Distribution

On an hourly basis, the CAISO will sum the EDAM RSE On-Peak Upward Failure Insufficiency Surcharge revenue owed by Balancing Authority Areas with tier 2 or tier 3 upward failures of the EDAM RSE during the on-peak hours and distribute that revenue, pro rata, to the applicable Scheduling Coordinator for the Balancing Authority Areas in the EDAM Area that satisfied all upward components of the EDAM RSE in all of the sixteen on-peak hours of that Trading Day. If no Balancing Authority Area in the EDAM Area satisfied all of the upward components of the EDAM RSE in all of the sixteen on-peak hours of that Trading Day, then the CAISO will distribute the revenue collected on

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an hour-by-hour basis, *pro rata*, to the applicable Scheduling Coordinator for the Balancing Authority Areas that satisfied all of the upward components of the EDAM RSE in that on-peak hour. In both cases, the *pro-rata* distribution will be determined based on a Balancing Authority Area's total net EDAM Transfers in the export direction as the numerator and the total sum of the net EDAM Transfers in the export direction of Balancing Authority Areas that satisfied all of the upward components of the EDAM RSE upward tests as the denominator. If no Balancing Authority Area in the EDAM Area satisfied all of the upward components of the EDAM RSE in any single on-peak hour, then the CAISO will not collect the EDAM RSE On-Peak Upward Failure Insufficiency Surcharge revenue from the applicable Scheduling Coordinator for the Balancing Authority Area in the EDAM Area for that single on-peak hour.

33.11.2.2.2 EDAM RSE Off-Peak Upward Failure Insufficiency Revenue

Distribution

On an hourly basis, the CAISO will sum the EDAM RSE Off-Peak Upward Failure Surcharge revenue owed by of the Balancing Authority Areas with tier 2 and tier 3 upward failures of the EDAM RSE during the off-peak hours and distribute that revenue to the applicable Scheduling Coordinator for the Balancing Authority Areas in the EDAM Area that satisfied all of the upward components of the EDAM RSE in all of the off-peak hours of that Trading Day. If no Balancing Authority Area in the EDAM Area satisfied all of the upward components of the EDAM RSE in all of the off-peak hours of that Trading Day, then the CAISO will distribute the revenue collected on an hour-by-hour basis, *pro rata*, to the applicable Scheduling Coordinator for the Balancing Authority Areas satisfied all of the upward components of the EDAM RSE in that off-peak hour. In both cases, the *pro rata* distribution will be determined based on a Balancing Authority Area's total net EDAM Transfers in the export direction as the numerator and the total net EDAM Transfers in the export direction of all Balancing Authority Areas that satisfied all of the upward components of the EDAM RSE as the denominator. If no Balancing Authority Area in the EDAM Area has satisfied all of the upward components of the EDAM RSE in

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any single off-peak hour, then the CAISO will not collect the EDAM RSE Off-Peak Upward Failure Insufficiency Surcharge from the applicable Scheduling Coordinator for the Balancing Authority Area in the EDAM Area for that single off-peak hour.

33.11.2.2.3 EDAM RSE Downward Failure Insufficiency Revenue Distribution

On an hourly basis, the CAISO will sum the EDAM RSE Downward Failure Insufficiency revenue owed by Balancing Authority Areas in the EDAM Area that fail to satisfy all of the downward components of the EDAM RSE and distribute that revenue, *pro rata*, to the applicable Scheduling Coordinator for the Balancing Authority Areas in the EDAM Area that satisfied all downward components of the EDAM RSE for that Trading Day. If no Balancing Authority Area in the EDAM Area satisfied all of the downward components of the EDAM RSE over the twenty-four hour period of the Trading Day, then the CAISO will distribute the revenue collected on an hour-by-hour basis, *pro rata*, to the applicable Scheduling Coordinator for the Balancing Authority Areas that satisfied all of the downward components of the EDAM RSE in any single hour. In both cases, the *pro rata* distribution will be determined based on the Balancing Authority Area total net EDAM Transfers in the import direction as the numerator and the total sum of the net EDAM Transfers in the import direction of Balancing Authority Areas that satisfied all of the downward components of the EDAM RSE downward tests as the denominator. If no Balancing Authority Area in the EDAM Area satisfied all of the downward components of the EDAM RSE in any single hour, then the CAISO will not collect the EDAM RSE Downward Failure Insufficiency Surcharge from the applicable Scheduling Coordinator for the Balancing Authority Area in the EDAM Area for that single hour.

33.11.2.3 EDAM RSE Surcharge Allocation

Revenue and costs arising from the EDAM RSE failure surcharge(s) distributed in accordance with Section 33.11.2.2 will be allocated to the CAISO Balancing Authority Area for sub-allocation in accordance with the CAISO Tariff and, for all other Balancing Authorities in the EDAM Area, to the applicable Scheduling Coordinator for any further sub-allocation in accordance with the requirements of the applicable tariffs and business practices of the entities within that EDAM

Entity Balancing Authority Area.

33.11.3 Day-Ahead Market Settlement

The CAISO settles Day-Ahead Schedules and RUC Schedules issued to EDAM Market Participants as specified in this Section 33.11.3.

33.11.3.1 Settling Day-Ahead Schedules for Energy

The CAISO settles Day-Ahead Schedules for Energy issued to EDAM Market Participants as specified in Section 11.2.1.1 for Supply and as specified in Section 11.2.1.2 for Demand. The CAISO settles Energy Exports at an EDAM External Intertie as specified in Section 11.2.1.4. The CAISO settles EDAM Transfers of Energy by assessing both the importing and exporting Balancing Authority Areas. In the case of EDAM Entities, the CAISO assesses the Scheduling Coordinator representing the importing Balancing Authority Area a settlement equal to the product of the quantity of the import and the LMP at the relevant Scheduling Point pricing location and assesses the Scheduling Coordinator representing the exporting Balancing Authority Area a settlement equal to the product of the quantity of the export and the LMP at the relevant Scheduling Point pricing location. If the CAISO is one of the importing or exporting Balancing Authority Areas, then the CAISO allocates the product of the export or import, as appropriate, and the LMP at the relevant Scheduling Point pricing location to CAISO Scheduling Coordinators as specified in Section 11 for allocating EDAM Transfers of Energy.

33.11.3.2 Settling Imbalance Reserves

The CAISO settles Imbalance Reserves Awards issued to EDAM Resources as specified in Sections 11.2.1.1, 11.2.1.8, and 11.25.2.1.1 as though the EDAM Resource were a Participating Generator.

The CAISO allocates the costs of procuring Imbalance Reserves in the EDAM as specified in Section 11.2.1.9 individually for each EDAM Entity with the exception that any reference to the CAISO Balancing Authority Area is a reference to the Balancing Authority Area of the relevant EDAM Entity.

In allocating the costs of Imbalance Reserves, the CAISO assesses both the importing and exporting Balancing Authority Areas for EDAM Transfers of Imbalance Reserves. In the case of

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EDAM Entities, the CAISO assesses the Scheduling Coordinator representing the importing Balancing Authority Area a settlement equal to the product of the quantity of the import and the Locational IRU Price or Locational IRD Price, as applicable, at the relevant Scheduling Point pricing location. In the case of EDAM Entities, the CAISO assesses the Scheduling Coordinator representing the exporting Balancing Authority Area a settlement equal to the product of the quantity of the export and the Locational IRU Price or Locational IRD Price, as applicable, at the relevant Scheduling Point pricing location. If the CAISO is one of the importing or exporting Balancing Authority Areas, then the CAISO allocates the product of the export or import, as appropriate, and the Locational IRU Price or Locational IRD Price, as applicable, at the relevant Scheduling Point pricing location to CAISO Scheduling Coordinators as specified in Section 11 for allocating EDAM Transfers of Imbalance Reserves.

33.11.3.3 Settling Reliability Capacity

The CAISO settles RUC Awards issued to EDAM Resources as specified in Section 11.2.2 as though the EDAM Resource were a Participating Generator or other seller of Energy or Ancillary Services.

The CAISO allocates the costs of procuring Reliability Capacity in the EDAM as specified in Section 11.8.6.5.3.3 individually for each EDAM Entity with the exception that any reference to the CAISO Balancing Authority Area is a reference to the Balancing Authority Area of the relevant EDAM Entity. In allocating the costs of Reliability Capacity, the CAISO assesses both the importing and exporting Balancing Authority Areas for EDAM Transfers of Reliability Capacity. The CAISO assesses the importing Balancing Authority Area a charge equal to the product of the quantity of the import and the RUC Price for RCU or RUC Price for RCD, as applicable, at the relevant Scheduling Point pricing location. The CAISO assesses the exporting Balancing Authority Area a credit equal to the product of the quantity of the export and the RUC Price for RCU or RUC Price for RCD, as applicable, at the relevant Scheduling Point pricing location. If the CAISO is one of the importing or exporting Balancing Authority Areas, then the CAISO allocates the product of the export or import, as appropriate, and the RUC Price for RCU or RUC Price for RCD, as applicable, at the relevant Scheduling Point pricing location to CAISO

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Scheduling Coordinators as specified in Section 11 for allocating EDAM Transfers of Reliability Capacity.

33.11.3.4 Settling Ancillary Services

The EDAM does not procure Ancillary Services for EDAM Entity Balancing Authority Areas and the CAISO therefore does not settle charges or payments for Ancillary Services for the EDAM Entities in the Extended Day-Ahead Market. Ancillary Services provided by an EDAM Entity cannot be used to offset Ancillary Services obligations of a Scheduling Coordinator representing an entity with Ancillary Services obligations in the CAISO Balancing Authority Area.

33.11.3.5 IFM Bid Cost Recovery

EDAM Resources may receive Bid Cost Recovery for the IFM in accordance with Section 11.8. The CAISO allocates the IFM Bid Cost Uplift to Balancing Authority Areas in the EDAM Area, with the following rules in addition to any provisions in Section 11.8.

For a Balancing Authority Area with net Energy export transfer, the CAISO transfers a portion of the Balancing Authority Area's IFM Bid Cost Uplift amount to Balancing Authority Areas receiving net Energy import transfers. For purposes of the foregoing, a Balancing Authority Area has net import transfers if the sum of the Balancing Authority Area's net Energy transfer and its net Imbalance Reserve transfer is in the import direction. If such sum is in the export direction, the Balancing Authority Area is deemed to have a net Energy export transfer.

The Balancing Authority Area IFM Bid Cost Uplift transfer adjustment amount will equal the product of the Balancing Authority Area hourly IFM Bid Cost Uplift amount and the ratio of the Balancing Authority Area's Day-Ahead net Energy export transfers and net Imbalance Reserve Up export transfers divided by Balancing Authority Area's Day-Ahead Schedules for Load and export Energy, Day-Ahead net Energy export transfers, net Imbalance Reserve Up export transfers and virtual demand, if applicable. The CAISO allocates the IFM Balancing Authority Area IFM Bid Cost Uplift transfer adjustment amount to Balancing Authority Areas with net transfers in the import direction. For each EDAM Entity Balancing Authority Area, the CAISO allocates the adjusted Balancing Authority Area IFM BCR amounts to the EDAM Entity for allocation under the applicable tariff and, for the CAISO Balancing Authority Area, pursuant to

Section 11.8.6.

33.11.3.6 RUC Bid Cost Recovery

EDAM Resources may receive Bid Cost Recovery for RUC in accordance with Sections 11.8.3. For each Trading Hour, the CAISO calculates the RUC Bid Cost Uplift for each EDAM Entity and the CAISO Balancing Authority Area. The CAISO allocates the RUC Bid Cost Uplift to each EDAM Entity Balancing Authority Area according to the methodology specified in Section 11.8.6.5 with the following adjustments.

For a Balancing Authority Area with net Reliability Capacity export transfer, the CAISO transfers a portion of the Balancing Authority Area's RUC Bid Cost Uplift amount to Balancing Authority Areas receiving net Reliability Capacity transfers. For purposes of the foregoing, a Balancing Authority Area receives net Reliability Capacity transfers if the sum of the Balancing Authority Area's net Reliability Capacity transfers is in the import direction. If such sum is in the export direction, the Balancing Authority Area is deemed to have a net Reliability Capacity export transfer.

The Balancing Authority Area RUC Bid Cost Uplift transfer adjustment amount will equal the product of the Balancing Authority Area hourly RUC Bid Cost Uplift amount and the ratio of the Balancing Authority Area's net Reliability Capacity export transfers divided by Balancing Authority Area's Reliability Capacity Schedules. The CAISO allocates the Balancing Authority Area RUC Bid Cost Uplift transfer adjustment amount to Balancing Authority Areas with net transfers in the import direction. For each EDAM Entity Balancing Authority Area, the CAISO allocates the adjusted Balancing Authority Area RUC BCR amounts to the EDAM Entity for allocation under its tariff and, for the CAISO Balancing Authority Area, pursuant to Section 11.8.6.

33.11.3.7 Greenhouse Gas in the IFM

Resources that receive a Day-Ahead attribution to serve Demand in a GHG Regulation Area will receive a GHG payment. The GHG payment is the product of the IFM obligation to serve Demand in a specific GHG Regulation Area and the IFM Marginal GHG Cost for that respective GHG Regulation Area. For a resource within a GHG Regulation Area that does not receive an attribution to served Demand in another GHG Regulation Area, the cost of GHG compliance is

embedded in the resource's LMP.

33.11.3.8 EDAM Legacy Contracts, EDAM Ownership Rights, and Day-Ahead Schedules

Scheduling Coordinators who Self-Schedule Energy in the IFM using their qualified and registered EDAM Transmission Service Provider rights will settle at the LMP in a manner similar to all other Day-Ahead awards. Scheduling Coordinators who Self-Schedule Energy in the IFM using their qualified and registered EDAM Legacy Contract Rights or EDAM Transmission Ownership Rights will settle at the LMP in a manner similar to all other Day-Ahead awards, except the balanced portion of a Schedule associated with an EDAM Legacy Contract or an EDAM Transmission Ownership Right will be eligible for mitigation against Congestion costs in accordance with Section 33.16 and Section 33.17, and be settled as described in this Section 33.11.3.8. The CAISO will facilitate this mitigation by reversing the Marginal Cost of Congestion component of the LMP difference between the balanced source Day-Ahead Schedule and sink Day-Ahead Schedule. The CAISO will include these Congestion costs in the calculation of Day-Ahead Congestion revenue. In addition, long-term contracts with special marginal losses provisions will have a similar Settlement mechanism apply to the Marginal Cost of Losses component of the LMP.

33.11.3.9 Neutrality

The CAISO will consider each component of the LMP to ensure neutrality within a Balancing Authority Area in the EDAM Area and across GHG Regulation Areas: Marginal Energy Cost, Marginal Cost of Congestion, Marginal Cost of Losses, and the applicable Marginal GHG Cost.

33.11.3.9.1 Marginal Loss Offset

The CAISO will calculate an hourly Day-Ahead marginal loss offset amount for each Balancing Authority Area. The hourly Day-Ahead marginal loss offset amount will equal the sum of the product of Day-Ahead Energy Schedules, including Schedules for Virtual Awards and transfer Energy schedules, and the Marginal Cost of Losses at their relevant pricing location. The CAISO will allocate the hourly Day-Ahead marginal loss offset amount to the EDAM Entity and, for the CAISO Balancing Authority Area, to Measured

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Demand. The hourly Day-Ahead marginal losses offset amount will also include any marginal losses reversal from balanced Schedule portions of EDAM Legacy Contracts, EDAM Transmission Ownership Rights, and Self-Schedules submitted in accordance with Section 33.18.2.2.1.

33.11.3.9.2 Marginal Greenhouse Gas Cost Offset

The CAISO will calculate an hourly Day-Ahead Marginal GHG Cost Offset amount in relation to each GHG Regulation Area. The hourly Day-Ahead Marginal GHG Cost Offset amount will equal the product of Day-Ahead Energy Schedules within the GHG Regulation Area, including Schedules for Virtual Awards; GHG attributions associated with the GHG Regulation Area and the applicable Marginal GHG Cost. The CAISO will allocate the Day-Ahead Marginal GHG Cost Offset amount to a GHG Regulation Area's metered Demand.

33.11.3.9.3 Marginal Congestion Offset

The CAISO will calculate an hourly Day-Ahead marginal Congestion offset revenue for each EDAM Entity Balancing Authority Area. The hourly Day-Ahead marginal Congestion offset revenue will equal the sum of the product of Day-Ahead Energy Schedules, including Schedules for Virtual Awards and Energy transfer Schedules, and the Marginal Cost of Congestion contribution for each EDAM Entity Balancing Authority Area at its relevant pricing location and considering relevant intertie Transmission Constraints. The hourly Day-Ahead Congestion revenue amount will also account for any EDAM Legacy Contracts and EDAM Transmission Ownership Rights marginal Congestion adjustment amounts and any adjustment amounts for Congestion revenue under Section 33.11.1.2.1. The CAISO will allocate the hourly Day-Ahead marginal Congestion revenue amount to each EDAM Entity and the hourly Day-Ahead marginal Congestion revenue amount allocated to the CAISO Balancing Authority Area will be distributed first to CRRs and then to any surplus allocated to Measured Demand per the CAISO Tariff.

33.11.3.9.4 Marginal Energy Offset

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The CAISO will calculate an hourly Day-Ahead marginal Energy offset amount for each EDAM Entity Balancing Authority Area. The Balancing Authority Area hourly Day-Ahead marginal Energy offset amount will equal the remainder of the hourly Day-Ahead Energy Settlement less the offset amounts attributed to the Balancing Authority Area Day-Ahead Marginal Cost of Losses, Balancing Authority Area Day-Ahead Marginal GHG Cost, and Balancing Authority Area Day-Ahead Marginal Cost of Congestion. The CAISO will allocate the hourly Day-Ahead marginal Energy offset amount to the EDAM Entity and for the CAISO Balancing Authority Area to metered Demand.

33.11.4 Real-Time Market Settlement

The CAISO settles EIM Market Participants in the RTM as specified in Sections 11.5, 11.8, 11.10, 11.25, 11.29, and all other aspects of Section 11 that pertain to the RTM and apply to EIM Market Participants. The CAISO settles EDAM Market Participants as EIM Market Participants assuming references to an EIM Base Schedule is a reference to a Day-Ahead Schedule with the following modifications.

33.11.4.1 Balancing Test Under-scheduling and Over-scheduling Charge

EDAM Entities are not subject to the balancing test in Section 29.34(k) and will not be eligible for revenue apportionment and allocation pursuant to Section 29.11(d)(3).

33.11.4.2 Fifteen-Minute Market (FMM) Imbalance Energy Settlement

Intertie Schedules awarded an Energy Schedule in the Day-Ahead Market that subsequently have an incremental/decremental FMM Schedule change in the RTM, and did not submit an E-Tag prior to the HASP, will be subject to the HASP reversal rule applied through Settlement according to Section 11.32.

33.11.4.3 Ancillary Services in the RTM

EDAM Entity Balancing Authority Areas will provide the RTM with total Ancillary Service self-provision. This RTM self-provision should equal the Day-Ahead self-provision or Day-Ahead self-provision plus any incremental Real-Time self-provision if Ancillary Service requirements increase in the RTM.

33.11.4.4 Intertie Deviations

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The CAISO does not assess Under/Over Delivery Charges pursuant to Section 11.31 for intertie transactions at EDAM Internal Interties between EDAM Entities.

33.11.5 Implementation Fee

The CAISO will recover an implementation fee through the EDAM Entity Implementation Agreement to recover its costs incurred to onboard each EIM Entity into the Extended Day-Ahead Market based on the CAISO's cost of service. The CAISO will determine hourly rates for onboarding activity on an annual basis based on current aggregated and burdened labor rates. The majority of the onboarding costs will be labor costs; however, it is reasonable to assume some onboarding-specific non-labor costs. The CAISO will recover the cost to implement each EDAM Entity, which may vary depending on the size and complexity of the project. A \$300,000 deposit will be collected from prospective EDAM Entities to cover the actual start-up costs incurred. If the deposit exceeds the actual cost incurred to provide onboarding services, the CAISO will refund the excess amount, including any Interest accrued on the remaining deposit. If the actual implementation costs exceed the deposit, additional deposits in \$300,000 increments will be required, which the EDAM Entity must pay within thirty (30) days of receiving the invoice. Any invoice payment past due will accrue interest, per annum, calculated in accordance with 5 C.F.R. § 1315.10. If the EDAM Entity fails to timely pay any undisputed costs, the CAISO will not be obligated to continue performing onboarding activities unless and until the EDAM Entity has paid all undisputed amounts. If an EDAM Entity terminates an implementation agreement after the prospective EDAM entity's onboarding has begun, the CAISO will make every attempt to halt work and stop incurring costs on implementation as soon as practical. Any implementation-related costs the CAISO incurs will be drawn against the deposit provided. The CAISO will invoice the prospective EDAM entity for any amounts over the onboarding deposit; invoices will be due no later than thirty (30) days after the date of receipt. The CAISO will provide a report that details deposit(s) received, actual costs incurred, and applicable interest earnings (on deposit balance) for each onboarding project and return any unused deposit remaining after onboarding, plus interest on the remaining deposit (based on the average interest rate earned), to the EDAM Entity within ninety (90) days after onboarding is completed and acknowledged by both the

CAISO and EDAM Entity.

33.11.6 Administrative Charge

The CAISO will charge each EDAM Market Participant an EDAM Administrative Charge, which consists of the System Operations Real-Time Dispatch Charge and the Market Services Charge, both volumetric charges. The CAISO will no longer collect the EIM Administrative Charge from an EDAM Market Participant. The Systems Operations Real-Time Dispatch Charge and the Market Services Charge are described in Appendix F, Schedule 1, Part A.

33.11.6.1 Temporary EDAM Administrative Charge Transitional Load Ramp-in

The EDAM Administrative Charge assessed to Scheduling Coordinators' demand-related charge codes will be assessed on an incremental percentage at the outset of EDAM. Each incremental percentage will apply to the calendar year, January to December, such that the CAISO would assess the incremental percentage to an EDAM Entity joining after January to the remaining part of the calendar year only. The first year EDAM is available for participation, the CAISO will assess five (5) percent of the MWh of each EDAM Scheduling Coordinator's metered demand to apply the EDAM Administrative Charge. In the second year, the CAISO will assess twenty-five (25) percent. In the third year, the CAISO will assess fifty (50) percent. In the fourth year and thereafter, the CAISO will assess seventy-five (75) percent. In the fifth year and thereafter, the CAISO will assess one-hundred (100) percent. The foregoing does not apply to EDAM Scheduling Coordinators' MWh of Energy or Supply: The CAISO will assess one-hundred (100) percent of the MWh of each EDAM Scheduling Coordinator's Energy to apply the EDAM Administrative Charge at the outset of EDAM and thereafter.

33.11.7 [Not Used]

33.11.8 Flexible Ramping Product.

The CAISO will allocate and settle payments and charges for the Flexible Ramping Product according to Section 11.25.

33.11.9 Settlement

With regard to the CAISO's assessment and payment of charges to, and collection of charges

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from, EDAM Market Participants pursuant to Sections 11 and 33.11, the CAISO will assess, pay, and collect such charges, address disputed invoices, assess, pay and collect Settlement-related fees and charges, including those under Sections 11.21, 11.28, and 11.29, and make any financial adjustments in accordance with the terms and schedule set forth in Section 11.

33.12 Creditworthiness

EDAM Entity Scheduling Coordinators, EDAM Load Serving Entity Scheduling Coordinators, and EDAM Resource Scheduling Coordinators must comply with the creditworthiness requirements of the CAISO Tariff. In the event EDAM Entity Scheduling Coordinators, EDAM Load Serving Entity Scheduling Coordinators, or EDAM Resource Scheduling Coordinators fail to satisfy the credit or other requirements in Section 12, the consequences specified in Section 12 will apply.

33.13 Dispute Resolution

Confirmation and validation of any dispute associated with the participation of EDAM Market Participants in the Day-Ahead Market is subject to Section 11.29.8 and will be managed through the CAISO's customer inquiry, dispute, and information system and as provided in the Business Practice Manual for the Extended Day-Ahead Market. EDAM Market Participants will be subject to dispute resolution pursuant to Section 13.

33.14 Force Majeure, Indemnity, Liabilities, and Penalties

The provisions of Section 14 regarding Uncontrollable Force, indemnity, liability, and penalties will apply to the participation of EDAM Market Participants in the Day-Ahead Market.

33.15 Regulatory Filings

The regulatory filings provisions of Section 15 will apply to the Extended Day Ahead Market.

33.16 EDAM Legacy Contracts

33.16.1 Administration.

Section 16 will apply to EDAM Market Participants as referenced in this Section 33.16. The CAISO will accommodate EDAM Legacy Contracts in accordance with Section 16 as required to implement this Section 33.16. With respect to applicable provisions of Section 16:

- (a) references to Existing Contracts will be read as references to EDAM Legacy Contracts;

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- (b) references to a Participating TO will be read as references to an EDAM Entity;
- (c) any applicable EDAM Transmission Service Providers in an EDAM Entity Balancing Authority Area must satisfy the requirements of Section 16 and this Section 33.16;
- (d) references to the CAISO Controlled Grid will be read as references to EDAM Transmission Service Provider facilities; and
- (e) references to the CAISO Balancing Authority or CAISO Balancing Authority Area will be read as references to an EDAM Entity Balancing Authority or EDAM Entity Balancing Authority Area, respectively.

33.16.2 Registration

The EDAM Entity for the Balancing Authority Area associated with a potential EDAM Legacy Contract will determine if the contract qualifies as an EDAM Legacy Contract and coordinate with the EDAM Legacy Contract rights holder and any applicable EDAM Transmission Service Providers to provide the CAISO with information and instructions as required by Section 16.4 and the procedures and timelines in the Business Practice Manual for the Extended Day-Ahead Market.

33.16.3 Availability

An EDAM Legacy Contract rights holder, in coordination with the applicable EDAM Entity, may Self-Schedule all the capacity available under the terms of the contract, in which case none of the capacity will be available for EDAM Transfers. Alternatively, an EDAM Legacy Contract rights holder may Self-Schedule a portion of the capacity or none at all, in which case the unreserved capacity will be made available only for EDAM Transfers in accordance with Section 33.18.2.2.2 and the terms of the EDAM Legacy Contract. An EDAM Legacy Contract rights holder must be represented by a Scheduling Coordinator, which may be the EDAM Entity Scheduling Coordinator. The EDAM Legacy Contract rights holder must coordinate use of its rights with the EDAM Entity associated with the EDAM Legacy Contract, and communicate the transmission capacity available for EDAM Transfers to the CAISO in accordance with the procedures and timelines in the Business Practice Manual for the Extended Day-Ahead Market.

33.16.4 Scheduling

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A Scheduling Coordinator for an EDAM Legacy Contract rights holder must submit Self-Schedules consistent with the requirements of Section 16.6 and not Economic Bids associated with its Contract Reference Number. Validation of Self-Schedules associated with a Contract Reference Number will follow the procedures in Section 16.6.2, and such Self-Schedules will receive the priority established in Section 16.5 and the settlement treatment established in Section 16.6.3 according to the results of the validation rules and the registered characteristics of the rights.

33.16.5 Settlement

EDAM Transfer revenue will be settled with the Scheduling Coordinator for an EDAM Legacy Contract rights holder under Section 33.11.1. Congestion revenue associated with an EDAM Legacy Contract will be settled with the Scheduling Coordinator for an EDAM Legacy Contract rights holder under Section 33.11.3.8. Settlement of charges associated with EDAM Legacy Contract rights that are allocated by the CAISO to the EDAM Balancing Authority Area and assigned to the EDAM Entity Scheduling Coordinator may also be subject to further allocation by the EDAM Entity according to the applicable transmission service provider's tariff and any applicable agreement among the transmission owners regarding allocation of charges associated with the EDAM Legacy Contract.

33.17 EDAM Transmission Ownership Rights

33.17.1 Administration

Section 17 will apply to EDAM Market Participants as referenced in this Section 33.17. The CAISO will administer EDAM Transmission Ownership Rights in accordance with Section 17 as required to implement this Section 33.17. With respect to applicable provisions of Section 17:

- (a) references to Transmission Ownership Rights will be read as references to EDAM Transmission Ownership Rights;
- (b) references to a Participating TO will be read as references to an EDAM Entity;
- (c) any applicable EDAM Transmission Service Providers in an EDAM Entity Balancing Authority Area must satisfy the requirements of Section 17 and this Section 33.17;

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- (d) references to the CAISO Controlled Grid will be read as references to EDAM Transmission Service Provider facilities; and
- (e) references to the CAISO Balancing Authority or CAISO Balancing Authority Area will be read as references to an EDAM Entity Balancing Authority or EDAM Entity Balancing Authority Area, respectively.

33.17.2 Registration

The EDAM Entity for the Balancing Authority Area associated with the EDAM Transmission Ownership Rights will coordinate with the EDAM Transmission Ownership Rights holder to provide information and instructions as required by Section 17.1 and the procedures and timelines in the Business Practice Manual for the Extended Day-Ahead Market.

33.17.3 Availability

An EDAM Transmission Ownership Rights holder may Self-Schedule all the capacity associated with its ownership interest and elect not to make any such capacity available for EDAM Transfers or other use by the market, or may exclude its EDAM Transmission Ownership Rights from the requirement to Self-Schedule to the extent that its EDAM Transmission Ownership Rights support a Pseudo-Tie export from the EDAM Balancing Authority Area. Alternatively, an EDAM Transmission Ownership Rights holder may release a portion of the capacity for EDAM Transfers in accordance with Section 33.18.2.2.2 and, if the EDAM Transmission Ownership Rights holder is also a transmission service provider, the CAISO will afford the transmission customers of that EDAM Transmission Ownership Rights holder similar treatment. An EDAM Transmission Ownership Rights holder or customer must be represented by a Scheduling Coordinator, which may be the EDAM Entity Scheduling Coordinator. The EDAM Transmission Ownership Rights holder must coordinate release of its rights with the EDAM Entity associated with the EDAM Transmission Ownership Rights, and communicate the available transmission capacity to the CAISO in accordance with the procedures and timelines in the Business Practice Manual for the Extended Day-Ahead Market. Alternatively, an EDAM Transmission Ownership Rights holder may coordinate with the EDAM Entity to include all of its transmission ownership rights in the associated EDAM Transmission Service Information, in which case the transmission ownership

rights would be made available pursuant to Section 33.18, Section 29.17, or both.

33.17.4 Scheduling

A Scheduling Coordinator for an EDAM Transmission Ownership Rights holder must submit Self-Schedules consistent with the requirements of Section 17.3 and not Economic Bids associated with EDAM Transmission Ownership Rights. Validation of Self-Schedules associated with EDAM Transmission Ownership Rights will follow the procedures in Section 17.3, and such Self-Schedules will receive the priority established in Section 17.2 and the settlement treatment established in Section 17.3.3 according to the results of the validation rules and the registered characteristics of the rights.

33.17.5 Settlement

EDAM Transfer revenue will be settled with the Scheduling Coordinator for the EDAM Transmission Ownership Rights under Section 33.11.1. Congestion revenue associated with an EDAM Transmission Ownership Right will be settled with the Scheduling Coordinator for the EDAM Transmission Ownership Rights under Section 33.11.3.8. Settlement of charges associated with EDAM Transmission Ownership Rights that are allocated by the CAISO to the EDAM Balancing Authority Area and assigned to the EDAM Entity Scheduling Coordinator may also be subject to further allocation by the EDAM Entity according to the applicable transmission service provider's tariff and any applicable agreement among the transmission owners regarding allocation of charges associated with the EDAM Transmission Ownership Rights, including an alternative arrangement with the EDAM Entity as permitted under Section 33.17.3.

33.17.6 EDAM Transmission Service on EDAM Transmission Ownership Rights

If a transmission service provider located primarily in one Balancing Authority Area (BAA1), as determined in accordance with the Business Practice Manual, provides service under its tariff on a transmission ownership interest it has in another Balancing Authority Area (BAA2) and BAA2 participates in EDAM, then that transmission ownership interest will be treated as an EDAM Transmission Ownership Right in BAA2 and the transmission service provider in BAA1 will not be required to execute an EDAM Transmission Service Provider Agreement solely for its transmission facilities in BAA2. Transmission service provided on an EDAM Transmission

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Ownership Right in BAA2 established pursuant to this CAISO Tariff may also be subject to the applicable transmission service provider's tariff and any applicable agreement among the transmission owners regarding transmission service associated with the EDAM Transmission Ownership Rights, including an alternative arrangement with the EDAM Entity as permitted under Section 33.17.3.

33.18 Tariff Transmission Service by EDAM Transmission Service Providers

An EDAM Entity must provide the CAISO with EDAM Transmission Service Information for the transmission system within its Balancing Authority Area and an EDAM Transmission Service Provider must make available for use in the Day-Ahead Market the transmission capacity supporting the network model data included in the CAISO's Full Network Model for the EDAM Entity Balancing Authority Area, as provided in this Section 33. The EDAM Transmission Service Provider must amend its tariff to the extent the EDAM Entity deems necessary to account for the transmission capacity it will make available in the Day-Ahead Market, provided such amendments are consistent with this Section 33.

33.18.1 Transmission at EDAM External Interties

An EDAM Transmission Service Provider with a transmission system located within an EDAM Entity Balancing Authority Area must coordinate with the EDAM Entity so that the transmission system is available to the Day-Ahead Market and the EDAM Entity has all necessary information to register the transmission service customers' transmission service rights within the EDAM Entity Balancing Authority Area and at EDAM External Interties with the CAISO and other EDAM Entities as provided under the EDAM Transmission Service Provider tariff. The EDAM Entity must also ensure association of an EIM Mirror System Resource in accordance with Section 33.30.9 if an EDAM External Intertie is with an EIM Entity Balancing Authority Area.

33.18.1.1 Qualification

Transmission service that qualifies for registration includes network integration transmission service or firm and conditional firm point-to-point transmission service from:

- (a) a source in an EDAM Entity Balancing Authority Area to an EDAM External Intertie location,
- (b) an EDAM External Intertie location to a sink within the EDAM Entity Balancing Authority Area,
- (c) a wheel through an EDAM Entity Balancing Authority Area

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from an EDAM External Intertie location to another EDAM External Intertie location, or (d) a source to a sink within an EDAM Entity Balancing Authority Area.

33.18.1.2 Registration

Qualified transmission services must be registered with the CAISO by the EDAM Entity in accordance with the procedures and timelines in the Business Practice Manual for the Extended Day-Ahead Market, which may differ depending upon the duration of the transmission rights, *e.g.*, yearly, monthly, weekly or of a shorter duration. Network integration transmission service customers will follow the EDAM Transmission Service Provider tariff for designation and un-designation of network resources.

33.18.1.3 Scheduling

The Scheduling Coordinator for a transmission customer of an EDAM Transmission Service Provider must use its firm or conditional firm point-to-point transmission service rights or associated secondary network service, and network integration transmission service rights, to/from an EDAM External Intertie by submitting a Self-Schedule export/import transaction to/from an EDAM External Intertie, a Self-Schedule wheeling through transaction between two EDAM External Interties, or an internal source and sink in accordance with Section 33.18.2.2.1.

33.18.1.4 Permissible Intra-Day Transmission Schedule Changes

When a schedule associated with registered transmission service rights is submitted in accordance with the EDAM Transmission Service Provider tariff after the start of the Day-Ahead Market, it will be accommodated in the Real-Time Market. The EDAM Entity Scheduling Coordinator for the EDAM Transmission Service Provider will ensure that the CAISO is notified of all such schedules submitted after the start of the Day-Ahead Market through submission of a Self-Schedule to the CAISO in accordance with Section 33.18.2.2.3.

33.18.1.5 Settlement

A Self-Schedule associated with registered firm or conditional firm point-to-point transmission service rights or network integration transmission service at EDAM External

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Interties or within an EDAM Entity Balancing Authority Area will be settled by the CAISO with the Scheduling Coordinator that submitted the Self-Schedule.

33.18.1.6 Resource Registration and Tagging

The EDAM Entity will be responsible for registration of System Resources associated with imports into its Balancing Authority Area at an EDAM External Intertie, and will provide the CAISO with a pre-market and after-the-fact E-Tag for transmission schedules associated with an import, export or wheel through its Balancing Authority Area at EDAM External Interties, unless a System Resource associated with an import is unknown and the import supports delivery of firm Energy in accordance with Section 33.30.8.2.

33.18.2 Transmission at EDAM Internal Interties

An EDAM Transmission Service Provider with a transmission system located within an EDAM Entity Balancing Authority Area must coordinate with the EDAM Entity and the EDAM Transmission Service Provider tariff so that the EDAM Entity will have all necessary information to register transmission service customers' transmission service at EDAM Internal Interties with the CAISO and other EDAM Entities in accordance with the procedures and timelines in the Business Practice Manual for the Extended Day-Ahead Market, which processes may differ depending upon the duration of the transmission rights, *e.g.*, yearly, monthly, weekly or of a shorter duration. EDAM Transfers must be supported by firm or conditional firm point-to-point transmission service rights across an EDAM Internal Intertie, network integration transmission service associated with an import of a designated network resource across an EDAM Internal Intertie, or available transfer capability across an EDAM Internal Intertie. EDAM Legacy Contracts may support EDAM Transfers only if registered under Section 33.16.2. EDAM Transmission Ownership Rights may support EDAM Transfers only if registered under Section 33.17.2. EDAM Transmission Service Provider rights may support EDAM Transfers as registered under this Section 33.18.2. An EDAM Entity Scheduling Coordinator must identify the transmission limits associated with the firm and conditional firm point-to-point transmission service capacity and network integration transmission service capacity that will be available to the Day-Ahead Market at EDAM Internal Interties to support EDAM Transfers and register those

rights with the CAISO. The EDAM Entity Scheduling Coordinator responsible for submitting the E-Tag must communicate to the CAISO the transmission limits associated with the transmission service available under Section 33.18.2.1, Section 33.18.2.2 broken down into individual components for Section 33.18.2.2.1 through Section 33.18.2.2.3, and Section 33.18.2.3, in accordance with the procedures and timelines in the Business Practice Manual for the Extended Day-Ahead Market.

33.18.2.1 Transmission to Support Resource Sufficiency Provided by the EDAM Entity

An EDAM Transfer from the source Balancing Authority Area to the sink Balancing Authority Area to support the EDAM Resource Sufficiency Evaluation for the sink Balancing Authority Area must be supported by firm or conditional firm point-to-point transmission service or network integration transmission service across an EDAM Internal Intertie. An EDAM Entity may also account for delivery of Supply external to its Balancing Authority Area in the EDAM Resource Sufficiency Evaluation under Section 33.30.8; however, the transmission that may ultimately support delivery of the Supply is not known before the Day-Ahead Market and will not be available to support EDAM Transfers.

33.18.2.2 Transmission Provided by Transmission Customers

The Scheduling Coordinator must take one of three pathways described in Section 33.18.2.2 prior to Market Close of the Day-Ahead Market to schedule its firm and conditional firm point-to-point transmission service rights, or network integration transmission service rights, at an EDAM Internal Intertie to support an EDAM Transfer which may or may not be required for the EDAM Resource Sufficiency Evaluation under Section 33.18.2.1.

33.18.2.2.1 Self-Schedule Associated with Registered Transmission

The Scheduling Coordinator for a transmission customer of an EDAM Transmission Service Provider may submit a Self-Schedule for Energy associated with its registered firm or conditional firm point-to-point transmission

service rights or network integration transmission service rights prior to Market Close of the Day-Ahead Market. The Energy associated with the Self-Schedule will be settled by the CAISO with the Scheduling Coordinator for the registered transmission rights.

33.18.2.2.2 Release of the Transmission

The Scheduling Coordinator for a transmission customer of an EDAM Transmission Service Provider, EDAM Legacy Contract or EDAM Transmission Ownership Right must notify the CAISO and the EDAM Transmission Service Provider prior to 9:00 a.m. the morning of the Day-Ahead Market if it intends to release its long-term and monthly firm and conditional firm point-to-point registered transmission service rights across an EDAM Internal Intertie. The Scheduling Coordinator representing the transmission rights may determine, on a daily basis, whether to make the full amount or only a portion of its registered transmission service rights available for EDAM Transfers for that day only or a longer timeframe, provided such release is consistent with the registered transmission rights and the EDAM Transmission Service Provider tariff.

Released transmission service rights cannot be reclaimed or scheduled for the duration of the trade date for which they have been released. The EDAM Entity Scheduling Coordinator associated with the EDAM Transmission Service Provider will ensure that information on such released transmission service rights is communicated to the CAISO for association with an EDAM Transfer System Resource in accordance with the timelines and procedures in the Business Practice Manual for the Extended Day-Ahead Market. The released transmission capacity utilized by the Day-Ahead Market will be settled by the CAISO with the Scheduling Coordinator for the transmission rights.

33.18.2.2.3 Permissible Intra-Day Transmission Schedule Changes

If the Scheduling Coordinator for a transmission customer of an EDAM Transmission Service Provider does not release the transmission service rights

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or schedule its registered firm or conditional firm point-to-point transmission service rights under Section 33.18.2.2.1 or Section 33.18.2.2.2 prior to the Day-Ahead Market, the capacity will be made available for EDAM Transfers in the Day-Ahead Market, and the transmission customer may nonetheless later exercise its rights under the EDAM Transmission Service Provider tariff. If the transmission customer later submits a schedule associated with its registered transmission service rights in accordance with the EDAM Transmission Service Provider tariff, the EDAM Entity Scheduling Coordinator associated with the EDAM Transmission Service Provider will ensure that the CAISO is notified of all such transmission schedules through submission of a Self-Schedule to the CAISO by the EDAM Entity Scheduling Coordinator, which the CAISO will accommodate in the Real-Time Market. The Real-Time Market may re-dispatch if necessary to accommodate the late Self-Schedule of the associated transmission service rights and will afford the Self-Schedule submitted by the EDAM Entity Scheduling Coordinator equal priority to cleared Day-Ahead Schedules unless the CAISO receives instructions that the EDAM Transmission Service Provider that it has assigned the Self-Schedule associated with firm OATT rights, whether point to point, network integration transmission service, or conditional firm, a scheduling priority higher than cleared Day-Ahead Schedules in accordance with the EDAM Transmission Service Provider tariff. Self-Schedules submitted after the Day-Ahead Market will be settled with the EDAM Entity Scheduling Coordinator.

33.18.2.3 Unsold Available Transfer Capability

The EDAM Entity Scheduling Coordinator will determine the amount of unsold firm available transfer capability at an EDAM Internal Intertie under the EDAM Transmission Service Provider tariff prior to 10:00 a.m. on the morning of the Day-Ahead Market, accounting for reserve sharing group obligations or other unique circumstances and arrangements as provided in the EDAM Transmission Service Provider tariff. The unsold

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transmission capability as communicated by the EDAM Entity Scheduling Coordinator will be available for EDAM Transfers. A single EDAM Entity Scheduling Coordinator, as agreed upon by the respective EDAM Transmission Service Providers at each EDAM Internal Intertie between Balancing Authority Areas in the EDAM Area will provide the CAISO with the available transfer capability associated with the EDAM Internal Interties for which it is responsible.

33.18.2.4 EDAM Transfer Limits Used for the Day-Ahead Market

The CAISO will communicate the quantity of transmission that the Day-Ahead Market utilized for EDAM Transfers to the EDAM Entity Scheduling Coordinator after Market Close of the Day-Ahead Market, which the EDAM Entity associated with the EDAM Transmission Service Provider will ensure the EDAM Transmission Service Provider will thereafter use to determine any remaining transmission to make available in accordance with its tariff and Section 29. A single EDAM Entity Scheduling Coordinator, as agreed upon by the respective EDAM Transmission Service Providers at each EDAM Internal Intertie between Balancing Authority Areas in the EDAM Area, will provide the CAISO with an after-the-fact E-Tag for transmission schedules associated with the EDAM Internal Interties for which it is responsible.

33.18.3 Contract Reference Number (CRN)

The CAISO will recognize EDAM Transmission Service Provider customer transmission rights as provided under the EDAM Transmission Service Provider tariff subject to the provisions of Section 33.18.1 and Section 33.18.2. The CAISO will assign a CRN for firm point-to-point or network transmission rights with a duration of a month or longer and registered (a) at EDAM Internal Interties, which will be associated with an EDAM Transfer System Resource, (b) at EDAM External Interties, which will be associated with a System Resource or according to Section 33.30.8.2, or (c) within an EDAM Entity Balancing Authority Area, which will be associated with an internal source and specific internal sink.

33.18.3.1 Self-Schedules Associated with a CRN

A Scheduling Coordinator that submits a balanced Self-Schedule less than or equal to

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the capacity associated with the CRN in accordance with Section 33.18.2.2.1 will be assigned a scheduling priority in the Day-Ahead Market above a Self-Schedule not associated with a CRN in the Day-Ahead Market in accordance with Section 27.4.3.4, which will be afforded a scheduling priority equal to cleared Day-Ahead Self-Schedules in the Real-Time Market. Otherwise, the Self-Schedule will be assigned the same priority as a Self-Schedule in the Day-Ahead Market not associated with a CRN, and will be afforded a scheduling priority equal to cleared Day-Ahead Self-Schedules in the Real-Time Market. The CAISO will notify the Scheduling Coordinator if a Self-Schedule associated with a CRN is not balanced prior to the Market Close of the Day-Ahead Market, which the Scheduling Coordinator may update prior to the Market Close of the Day-Ahead Market. A Scheduling Coordinator that submits a balanced Self-Schedule less than or equal to the capacity associated with the CRN in accordance with Section 33.18.2.2.3 will be assigned a scheduling priority equal to cleared Day-Ahead Self-Schedules in the Real-Time Market unless the CAISO receives instructions from the EDAM Transmission Service Provider that it has assigned the balanced Self-Schedule associated with firm OATT rights a scheduling priority higher than cleared Day-Ahead Self-Schedules in accordance with the EDAM Transmission Service Provider tariff. All other Self-Schedules will be assigned the same priority as a Self-Schedule in the Real-Time Market not associated with a CRN.

(a) An EDAM Transfer System Resource registered to an EDAM Entity will account for capacity available to support EDAM Transfers and will not be assigned a CRN, which may support a capacity release for optimization and the EDAM Resource Sufficiency Evaluation, as applicable.

(b) An EDAM Transfer System Resource registered to an EDAM Transmission Service Provider customer will support a Self-Schedule or capacity release and will be assigned a CRN.

(c) An internal source and sink registered to an EDAM Transmission Service Provider customer will support a Self-Schedule and will be assigned a CRN.

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- (d) Any portion of a CRN that is Self-Scheduled in the Day-Ahead Market will be available for the EDAM Resource Sufficiency Evaluation.
- (e) Any portion of a CRN released in accordance with Section 33.18.2.2 may not be Self-Scheduled in the Day-Ahead Market and may not be Self-Scheduled by the EDAM Entity after the Market Close of the Day-Ahead Market under Section 33.18.1.4 or Section 33.18.2.2.3.
- (f) Any portion of a CRN that is neither released in accordance with Section 33.18.2.2 nor Self-Scheduled in the Day-Ahead Market will be available in the Day-Ahead Market and may be Self-Scheduled by the EDAM Entity Scheduling Coordinator after the Market Close of the Day-Ahead Market under Section 33.18.1.4 or Section 33.18.2.2.3.
- (g) Self-Schedules not associated with a CRN will be afforded the same priority as any other Self-Schedule in the Day-Ahead Market that does not have a CRN.
- (h) The CAISO will not adjust a Self-Schedule in the Day-Ahead Market associated with a CRN under this Section 33.18.3 to accommodate a Self-Schedule in the Day-Ahead Market that is not associated with a CRN.
- (i) Each EDAM Entity will be responsible for managing Transmission Constraints after the Day-Ahead Market according to Section 29, Section 33.7.5, and the EDAM Transmission Service Provider tariff.

33.18.3.2 Self-Schedules Associated with Short-Term Transmission Rights

The CAISO will also assign a CRN for firm transmission rights with a duration of less than a month pursuant to the registration process provided in the Business Practice Manual for the Extended Day-Ahead Market. Self-Schedules associated with a CRN representing shorter-duration transmission rights will be afforded the same physical and financial treatment as a CRN associated with a longer-duration transmission right under this Section 33.18.3.

33.18.3.3 Transmission Not Available in the Day-Ahead Market

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If the CAISO is informed through the prospective EDAM Entity implementation process or by the EDAM Entity Scheduling Coordinator for the EDAM Transmission Service Provider that accommodation of incremental intra-day schedules in the Real-Time Market should be unavailable in the Day-Ahead Market according to the EDAM Transmission Service Provider tariff, the CAISO will accept a notification from the EDAM Entity Scheduling Coordinator associated with the EDAM Transmission Service Provider and will adjust Day-Ahead Market availability of the impacted transmission elements and the associated transmission service rights.

33.18.4 CAISO Transmission at EDAM Interties

The CAISO will provide transmission service on the CAISO Controlled Grid and at EDAM Interties in accordance with the CAISO Tariff to support the EDAM Resource Sufficiency Evaluation for the CAISO Balancing Authority Area and to support the EDAM Resource Sufficiency Evaluation for an EDAM Entity Balancing Authority Area. The CAISO will make Available Transfer Capability at EDAM Internal Interties on the CAISO Controlled Grid available as determined in accordance with Section 23 and Appendix L at the start of the Day-Ahead Market to support EDAM Transfers, including the assessment of any applicable charges. The CAISO will facilitate the availability of transmission capacity associated with Existing Contracts and Transmission Ownership Rights for EDAM Transfers if the rights holder makes the capacity available to the CAISO consistent with Section 33.16.2 or Section 33.17.2, as applicable, which will then be eligible to receive EDAM Transfer revenue and Congestion revenue settlement with the Scheduling Coordinator for the Existing Contracts and Transmission Ownership Rights under Section 33.11.1 and Section 33.11.2.

33.18.4.1 Wheels Through

The Scheduling Coordinator of Supply wheeled through the CAISO Balancing Authority Area and accounted for in the EDAM Resource Sufficiency Evaluation must demonstrate establishment of a Wheeling Through transaction across the CAISO Controlled Grid and have designated transmission service under Section 33.18.2.1 into an EDAM Entity Balancing Authority Area and on the CAISO Controlled Grid Section in accordance with

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Section 23 and Appendix L. An EDAM Entity may similarly account for delivery of Supply wheeled through the CAISO Balancing Authority Area for its EDAM Resource Sufficiency Evaluation to be delivered under Section 33.30.8; however, the transmission that may ultimately support delivery of the Supply will not be available to support EDAM Transfers because it is not known before the Market Close of the Day Ahead Market.

33.18.4.2 Exports From

The Scheduling Coordinator of Supply from a CAISO Participating Resource accounted for in the EDAM Resource Sufficiency Evaluation of an EDAM Entity Balancing Authority Area must demonstrate it has a contract with a resource that has non-Resource Adequacy available capacity from the CAISO Balancing Authority Area and has designated transmission service under Section 33.18.2.1 into an EDAM Entity Balancing Authority Area and on the CAISO Controlled Grid Section in accordance with Section 23 and Appendix L. An EDAM Entity may similarly account for delivery of Supply exported from the CAISO Balancing Authority Area in the EDAM Resource Sufficiency Evaluation to be delivered under Section 33.30.8; however, the transmission that may ultimately support delivery of the Supply will not be available to support EDAM Transfers because it is not known before the Market Close of the Day Ahead Market.

33.18.5 EDAM Transfer Priority

EDAM Transfers will have a priority equal to Demand in the EDAM Area and may be curtailed only as provided in Section 33.7.5. The Day-Ahead Market will include a constraint as provided in Section 33.27.4 to ensure each Balancing Authority in the EDAM Area meets its Balancing Authority Area requirements before supporting EDAM Transfers.

33.19 Reliability Coordination

Reliability Coordination does not apply to the Extended Day-Ahead Market, although EDAM Market Participants may separately receive Reliability Coordination services according to Section 19.

33.20 Confidentiality

The confidentiality provisions in Section 20 will apply to participation of EDAM Market Participants in the Day-Ahead Market.

33.21 Supplemental Services – DACA Services Charge

- (a) **Day-Ahead Contingency Analysis Services Charge.** The CAISO will recover from EDAM Entities that elect in writing to receive day-ahead contingency analysis services the annual charges for the ongoing software license fee, which will be passed through directly to the EDAM Entities, and charges set forth in the CAISO's most recently published report regarding the GMC and other rates, which will include –
- (1) a start-up charge amortized over an initial three-year minimum commitment period; and
 - (2) the annual charge for CAISO support of the day-ahead contingency analysis services.
- (b) **Invoicing for Day-Ahead Contingency Analysis Services.** If the EDAM Entity elects to receive day-ahead contingency analysis services, the EDAM Entity agrees to pay for three years of services regardless of whether it takes day-ahead contingency analysis services for the entire three-year term, and it will be invoiced one-third of that amount annually during the initial three-year term. Thereafter, the EDAM Entity will be invoiced annually for day-ahead contingency analysis services as described in the Business Practice Manual for EDAM.
- (c) **Payment for Day-Ahead Contingency Analysis Services.** Payment for day-ahead contingency analysis services will be due within 21 Business Days of the invoice date.
- (d) **Annual Election of Day-Ahead Contingency Analysis Services.** Each year, the EDAM Entity will notify the CAISO in writing, according to the timelines and procedures in the Business Practice Manual for EDAM, as to which day-ahead contingency analysis services it is electing to take for the following year. If the EDAM Entity does not provide such notice to the CAISO, the CAISO will continue to provide the EDAM Entity with the same day-ahead contingency analysis services it is providing to the EDAM Entity during the current year.
- (e) **Termination of Day-Ahead Contingency Analysis Services.** An EDAM Entity that has elected to receive day-ahead contingency analysis services will continue to be invoiced for the services annually during the initial three-year term and each year thereafter until the services have been terminated in accordance with the Business Practice Manual for EDAM.

33.22 Miscellaneous

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Section 22 and the additional miscellaneous provisions of this Section 33.22 will apply to the EDAM. To the extent that the CAISO would incur any tax liability as a result of the participation of EDAM Market Participants in the Day-Ahead Market, for example as market operator or as central counterparty to EDAM transactions, the CAISO will pass those taxes on to the EDAM Entity Scheduling Coordinator for the EDAM Entity Balancing Authority Area where the transactions triggered the tax liability.

Neither the CAISO nor the EDAM Entity is a “Purchasing Selling Entity” for purposes of E-Tags or EDAM Transfers, nor will either be listed as a “Purchasing Selling Entity” for purposes of E-Tags or EDAM Transfers.

Title to Energy in the Day-Ahead Market passes directly from the entity that holds title when the Energy enters the CAISO Controlled Grid or the transmission system of an EDAM Transmission Service Provider, whichever is first following Dispatch, to the entity that removes the Energy from the CAISO Controlled Grid or the transmission system of a EDAM Transmission Service Provider, whichever last precedes delivery to Load.

33.23 Transmission Service Requirements for EDAM Resources

This Section 33.23 applies only to EDAM Market Participants. Transmission service requirements on the CAISO Controlled Grid will continue in accordance with Section 23 and other provisions of the CAISO Tariff applicable to transmission service on the CAISO Controlled Grid.

An EDAM Resource Scheduling Coordinator must obtain transmission service from an EDAM Transmission Service Provider, which may be satisfied through the following options:

- (a) The EDAM Resource is a designated network resource under the terms of an EDAM Transmission Service Provider tariff;
- (b) The EDAM Resource reserves firm point-to-point transmission service of any duration under the terms of an EDAM Transmission Service Provider tariff, or
- (c) The EDAM Resource is associated with an EDAM Legacy Contract or an EDAM Transmission Ownership Right.

If option (a), (b), or (c) above are not satisfied, the CAISO will inform the EDAM Entity associated with the EDAM Transmission Service Provider so that the EDAM Transmission Service Provider may assess a transmission charge based on the transmission rate for the lowest duration of firm transmission service

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offered under its tariff, which may be a daily firm or hourly firm transmission service. Where a resource is unable to satisfy option (a), (b), or (c) above, the EDAM Transmission Service Provider tariff may provide for an adjustment of the firm transmission service charge as appropriate. If the EDAM Transmission Service Provider offers daily firm point-to-point transmission service as the lowest granularity of firm transmission service, the transmission service charge would be evaluated based on the single highest-hour Real-Time Dispatch of the resource across the day for the amount in excess of reserved transmission service. If the EDAM Transmission Service Provider offers hourly firm point-to-point transmission service as the lowest granularity of firm transmission service, the transmission service charge would be evaluated based on each individual hourly Real-Time Dispatch of the resource for the day. If the Real-Time Dispatch for any hour across the day is above the transmission reservation, the CAISO will inform the EDAM Entity associated with the EDAM Transmission Service Provider and the EDAM Transmission Service Provider will assess the hourly transmission charge as described above. This Section 33.23 establishes a common methodology for a Scheduling Coordinator to secure transmission service from an EDAM Transmission Service Provider. The specific transmission service requirements and any associated transmission service charges or penalties will be determined in accordance with the EDAM Transmission Service Provider tariff.

33.24 Transmission Planning

The Extended Day-Ahead Market does not include transmission planning related functions or services and Section 24 does not apply to EDAM Market Participants.

33.25 Generator Interconnection

The Extended Day-Ahead Market does not include generator interconnection related functions or services and Section 25 does not apply to EDAM Market Participants.

33.26 Historical Revenue Recovery And Charges

Access Charges for Day-Ahead Market transactions serving Load within the CAISO Balancing Authority Area that use the CAISO Controlled Grid are governed by Section 26. Transmission service charges for Day-Ahead Market transactions serving Load within an EDAM Entity Balancing Authority Area are governed by the applicable EDAM Transmission Service Provider tariff. Transmission service charges for Day-Ahead Market transactions supported by EDAM Transfers are addressed in this Section 33.26.

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Transmission service charges for Real-Time Market transactions are governed by Section 11, Section 26, or Section 29.26, as applicable.

33.26.1 EDAM Access Charges

The CAISO will determine an EDAM Access Charge for each Balancing Authority Area in the EDAM Area based on the aggregate inputs of each EDAM Transmission Service Provider in that Balancing Authority Area. The CAISO will assess the EDAM Access Charges, allocate revenues collected, and true-up actual revenue recovery through calculation of the next year's EDAM Access Charges. EDAM Entities will provide forecasts for their EDAM Transmission Service Providers of the aggregate EDAM Recoverable Revenue from the three components described below, to be trued-up based on EDAM Recoverable Revenue each year.

33.26.1.1 EDAM Recoverable Revenue Allocated to Gross Load

To assess the EDAM Access Charge consistent with Section 33.26.3, the CAISO will derive a rate in \$/MWh specific to each EDAM Entity Balancing Authority Area. The CAISO will calculate the rate by:

- (1) allocating each EDAM Transmission Service Provider's EDAM Recoverable Revenue to the EDAM Balancing Authority Areas associated with the other EDAM Transmission Service Providers, on behalf of such other EDAM Transmission Service Providers, in proportion to
 - (a) the EDAM Transmission Service Provider's Gross Load divided by
 - (b) the total EDAM Area Gross Load minus Gross Load of the EDAM Transmission Service Provider;
- (2) calculating the total EDAM Recoverable Revenue allocation; and
- (3) dividing the total EDAM Recoverable Revenue by the EDAM Transmission Service Provider's Gross Load.

33.26.1.2 Truing Up to Actual EDAM Recoverable Revenue

At the conclusion of each calendar year, each EDAM Transmission Service Provider with EDAM Recoverable Revenue will provide the CAISO calculations of actual forgone and collected revenue for each EDAM Access Charge component, and the supporting documentation required by Section 33.26.4.

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The EDAM Transmission Service Provider's EDAM Recoverable Revenue true-up amount for the following year will be the difference between (a) the actual sales of qualifying products in components 1 and 2, and (b) the EDAM Transmission Service Provider's projected sales for that year, as documented by the EDAM Transmission Service Provider consistent with Section 33.26.4. The CAISO will include the true-up amount, positive or negative, as an adjustment to the following year's EDAM Access Charge. The CAISO also will include a true-up amount, positive or negative, to balance the difference between the CAISO's projected EDAM Access Charge collections and actual collections for each EDAM Transmission Service Provider.

33.26.2 Calculation of EDAM Recoverable Revenue

EDAM Recoverable Revenue will consist of the sum of the following three components.

33.26.2.1 Component 1: Short-Term Firm and Non-Firm Point-to-Point Transmission and Wheeling Access Charge Revenues

Eligible component 1 costs are revenue shortfalls associated with the costs of forgoing certain historical transmission sales to third parties, excluding costs related to sales to the EDAM Entity marketing function associated with EDAM Transmission Service Providers. Only forgone revenues associated with the following transmission products are eligible for historical revenue recovery: hourly non-firm point-to-point, daily non-firm point-to-point, weekly non-firm point-to-point, monthly non-firm point-to-point, hourly firm point-to-point, daily firm point-to-point, weekly firm point-to-point, and monthly firm point-to-point transmission service.

33.26.2.1.1 Calculating Component 1

Each EDAM Transmission Service Provider will calculate the annual average of its revenues from the qualifying products described in Section 33.26.2.1 for the three years leading up to its EDAM participation. That three-year average will be fixed for purposes of calculating the EDAM Access Charge for the EDAM Entity's EDAM participation. For component 1 of EDAM Recoverable Revenue, the EDAM Transmission Service Provider will include only that portion of revenues from the three-year average the EDAM Transmission Service Provider reasonably expects to forgo as a result of participating in the EDAM. In the

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annual true-up, the EDAM Transmission Service Provider will use its actual shortfall in lieu of the forecasted shortfall. The actual shortfall will be the difference between the EDAM Transmission Service Provider's actual sales of qualifying products for the applicable calendar year compared to the fixed three-year pre-EDAM average.

33.26.2.1.2 EDAM Recoverable Revenue Limits

Component 1 EDAM Recoverable Revenue for each EDAM Entity will not exceed the product of (a) its projected Component 1 EDAM Recoverable Revenue and (b) the percentage resulting from dividing exports from its EDAM Balancing Authority Area to the EDAM Area by total exports from the EDAM Balancing Authority Area.

33.26.2.2 Component 2: New Transmission Capacity

Eligible component 2 costs include (a) costs resulting from reduced revenues from sales of non-firm and short-term firm transmission associated with the release of transmission capacity resulting from the expiration of EDAM Legacy Contracts, and (b) the cost associated with forgone transmission sales on certain new network upgrades.

33.26.2.2.1 Component 2 Revenue Associated With New Transmission Capacity From Expired Legacy Contracts

An EDAM Transmission Service Provider may include in its component 2 EDAM Recoverable Revenue those revenue shortfalls from sales of non-firm and short-term firm transmission associated with the release of transmission capacity resulting from the expiration of EDAM Legacy Contracts that were not included as EDAM Recoverable Revenue in component 1. The EDAM Transmission Service Provider may not recover as EDAM Recoverable Revenue more than the product of the most recent annual revenue of the expired EDAM Legacy Contract multiplied by the ratio of (a) the non-firm and short-term firm point-to-point historical EDAM recoverable transmission revenues from the pre-EDAM three-year average in component 1 to (b) the EDAM Entity's annual average revenue requirement over the same three years.

33.26.2.2.2 Component 2 Revenue Associated With New Network Upgrades

An EDAM Transmission Service Provider may include in its component 2 EDAM Recoverable Revenue forgone revenue from eligible new network upgrades. Eligible new network upgrades are those that: (a) are in service; (b) are already included in the EDAM Transmission Service Provider's transmission rates or have otherwise been approved for rate recovery by the Local Regulatory Authority or FERC, as applicable; (c) increase transfer capability between EDAM Entity Balancing Authority Areas or between the CAISO Balancing Authority Area and an EDAM Entity Balancing Authority Area; and (d) are energized after the applicable EDAM Transmission Service Provider begins participation in the Day-Ahead Market. For each new qualifying network upgrade, the EDAM Transmission Service Provider will calculate an estimate of forgone revenue applicable to that network upgrade. Because new network upgrades will not have a three-year historical baseline, the EDAM Transmission Service Provider will calculate a proxy baseline. To do so, the EDAM Transmission Service Provider will calculate the ratio of (a) the non-firm and short-term firm point-to-point historical transmission revenues from the pre-EDAM three-year average in component 1 to (b) the EDAM Entity's annual average revenue requirement over the same three years. The EDAM Transmission Service Provider's proxy baseline for the new network upgrade will be the product of this ratio and the transmission revenue requirement for the new network upgrade. The EDAM Transmission Service Provider will then include as its component 2 EDAM Recoverable Revenue those revenues it expects to forgo from the new network upgrade as a result of participating in the EDAM, not to exceed the proxy baseline. After the first year the new network upgrade is included in the EDAM Access Charge, the EDAM Transmission Service Provider will true-up actual forgone revenues to projected forgone revenues in the following year's component 2 EDAM Recoverable Revenue based on the proxy baseline.

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The CAISO will include examples of network upgrades that increase transfer capability for purposes of this Section and examples that do not do so in the Business Practice Manual for the Extended Day-Ahead Market. For purposes of this section, network upgrades will be deemed to increase transfer capability where they:

- (a) increase total transfer capability;
- (b) create new interfaces;
- (c) increase the simultaneous import limits at existing interfaces;
- (d) result from an Interregional Transmission Project to increase transfer capability; or
- (e) were identified through the WECC path rating process as increasing total transfer capability or creating new transmission interfaces; between EDAM Entity Balancing Authority Areas or between the CAISO Balancing Authority Area and an EDAM Entity Balancing Authority Area.

33.26.2.3 Component 3: Recovery of Transmission Costs Associated With EDAM Wheeling Through Volumes Net of Imports/Exports

Eligible component 3 costs are projected revenue shortfalls associated with wheeling-through an EDAM Entity Balancing Authority Area or the CAISO Balancing Authority Area. An EDAM Transmission Service Provider's EDAM Recoverable Revenue will include those revenues associated with its total volume of wheeling-through transactions in excess of the total net transfers (imports and exports) of the applicable EDAM Entity Balancing Authority Area or CAISO Balancing Authority Area, as measured on a monthly basis. In periods where this excess occurs, the CAISO will calculate the EDAM Recoverable Revenue by multiplying that volume of wheeling-through transactions in excess of the total net transfers by the applicable EDAM Transmission Service Provider's non-firm hourly point-to-point transmission rate. For Participating TOs, the CAISO will use the applicable Wheeling Access Charge rate.

33.26.3 Assessing Access Charges and Allocating Revenues in the EDAM

To recover each EDAM Transmission Service Provider's EDAM Recoverable Revenue, the

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CAISO will assess an EDAM Access Charge to Gross Load in each EDAM Balancing Authority Area. Each EDAM Access Charge will recover the projected EDAM Recoverable Revenue for the EDAM Balancing Authority Areas outside the Balancing Authority Area for that EDAM Access Charge, such that no EDAM Balancing Authority Area will be assessed its own projected EDAM Recoverable Revenue. The CAISO will assess EDAM Access Charges based on the EDAM Balancing Authority Areas' Gross Loads.

The CAISO will allocate revenues collected from the EDAM Access Charges to EDAM Entities on behalf of each EDAM Transmission Service Provider, in proportion to each EDAM Entity's proportionate share of total projected EDAM Recoverable Revenue. Any difference between projected EDAM Recoverable Revenue and actual EDAM Recoverable Revenue will be included as debits or credits in the annual true-up, as provided in Section 33.26.1.2.

33.26.4 Documentation

EDAM Transmission Service Providers will provide the CAISO all supporting documentation necessary to determine the local EDAM Access Charges in each Balancing Authority Area by July 1 of the year prior to each year in which the EDAM Access Charge will apply. The CAISO will publish all supporting documentation on the CAISO Website. At a minimum EDAM Entities must provide: (a) the final order from FERC or the Local Regulatory Authority effecting their approved transmission rates and any informational filings or postings under relevant formula rates; (b) the sums for each EDAM Recoverable Revenue component and true-up; and (c) an authorized affidavit from each EDAM Transmission Service Provider attesting to the accuracy of the data provided and that the EDAM Transmission Service Provider will make reasonable efforts to avoid any double recovery of costs through the EDAM Access Charge. All data provided must be sufficiently granular to enable verification of the EDAM Access Charge rates by the CAISO and Market Participants. For each EDAM Transmission Service Provider, the CAISO will maintain on its Website the current sum of each recoverable revenue component, the total true-up amount, and the total eligible recovery amount. The CAISO will maintain on its Website each EDAM Access Charge, including the rate, the Gross Load, and the total eligible recovery amount in that Balancing Authority Area.

33.26.5 Exit from EDAM

If an EDAM Entity withdraws from the EDAM pursuant to Section 3 of its EDAM Addendum to EIM Entity Agreement, it will continue to collect and be assessed EDAM Access Charges only during the six (6) month interim notice period before withdrawing from the EDAM. A withdrawn EDAM Entity will not collect, be assessed, or true-up any costs or revenues through the EDAM Access Charge after this interim notice period, except for the previous calendar year's true-up under Section 33.26.5.1.

33.26.5.1 Treatment of True-up Amounts

If an EDAM Entity owed or was owed any true-up amount from the previous calendar year pursuant to Section 33.26.1.2 before it gave its written notice of termination to the CAISO in accordance with Section 3 of its EDAM Addendum to EIM Entity Agreement, and it withdraws from the EDAM before the end of the calendar year such that any true-up amount remains outstanding, either:

- (a) the EDAM Entity will pay the CAISO the remaining true-up balance it owed upon the end of the interim period described in Section 33.26.5, and the CAISO will distribute that balance through the EDAM Access Charges over the rest of the calendar year; or
- (b) the CAISO will continue to collect the remaining true-up amount owed the EDAM Entity through the EDAM Access Charges throughout the rest of the calendar year, and will pay that true-up amount to the EDAM Entity thereafter.

This Section 33.26.5.1 excludes all charges or payments outside of the previous calendar year true-up under Section 33.26.1.2.

33.26.6 Three-Year Review

No later than three (3) years after the original effective date of this Section 33.26, the CAISO will publish on the CAISO Website a performance report on the EDAM Access Charge. The performance report will include without limitation: an explanation of the impacts of the EDAM Access Charge on EDAM Transmission Service Providers' revenue recovery and rates; the performance of the EDAM Access Charge in managing cost shifts among customers; and

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analysis by the CAISO of any other impacts or externalities.

33.27 CAISO Markets And Processes

The provisions of Section 27 that apply to the Day-Ahead Market will apply to EDAM Market Participants, except as provided in or inconsistent with this Section 33.27 or other provisions of Section 33. For purposes of applying this Section 33.27, the term CAISO Balancing Authority Area as used in Section 27 means the Market Area unless the context requires otherwise.

33.27.1 Transitional Process

For a period of six months following the EDAM Entity Implementation Date of a new EDAM Entity, the provisions of Section 27.4.3.2 and the second sentence of Section 27.4.3.4 will not apply to constraints that are within the Balancing Authority Area of the new EDAM Entity or affect EDAM Transfers between the Balancing Authority Area of the new EDAM Entity. For those intervals that experience infeasibilities described in those provisions, the CAISO will instead determine prices consistent with the provisions of Section 27, Section 31, and Appendix C, that would apply in the absence of Section 27.4.3.2 and the second sentence of Section 27.4.3.4 constraints.

In addition, for a period of six months following the EDAM Entity Implementation Date of a new EDAM Entity, when the transmission and/or power balance constraints as specified in Section 27.4.3.2 and the second sentence of Section 27.4.3.4 are relaxed, the CAISO will set the Imbalance Reserve parameter for pricing purposes, for the new EDAM Entity Balancing Authority Area, at an amount between and including \$0 and \$0.01. Sixty days prior to the expiration of the transition period, the CAISO will post on the CAISO Website an assessment of whether an extension of the transition period, for up to an additional six months, is needed for the applicable EDAM Entity. The CAISO will post an update to such assessment prior to the expiration of the transition period should there be any changes to its posted conclusions. Any extensions of the initial six-month transition period must be approved by FERC.

33.27.2 Locational Marginal Price Formation

The Locational Marginal Price for PNodes within each Balancing Authority Area in the EDAM Area will be determined in accordance with Appendix C.

33.27.3 Generation Aggregation Points

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As described in Appendix C, the CAISO uses two types of Generation Aggregation Points in operation and Settlement of the Day-Ahead Market: Default Generation Aggregation Points and Custom Generation Aggregation Points.

33.27.4 Power Balance Constraint Relaxation

The Extended Day-Ahead Market will include a constraint to ensure each EDAM Entity meets its Balancing Authority Area requirements before supporting EDAM Transfers. The constraint will not allow a simultaneous power balance constraint violation in the upward/downward direction with a net EDAM Transfer export/import beyond the net EDAM Transfer eligible for the EDAM RSE as established in Section 33.18.2.1.

33.27.5 IBAA and EDAM Entity Balancing Authority Areas

Section 27.5.3 will not apply to an EDAM Entity Balancing Authority Area.

33.28 Inter-SC Trades

EDAM Entity Scheduling Coordinators, EDAM Load Serving Entity Scheduling Coordinators, EDAM Resource Scheduling Coordinators and other Scheduling Coordinators in the Extended Day-Ahead Market may not submit Inter-SC Trades for transactions outside the CAISO Balancing Authority Area, and Section 28 will not apply to the Extended Day Ahead Market.

33.29 EDAM Relationship to EIM

EDAM Market Participants are also EIM Market Participants and the provisions in Section 29 apply in their capacity as EIM Market Participants. Operation of the Day-Ahead Market within an EDAM Entity Balancing Authority Area produces outcomes that satisfy or modify certain requirements otherwise applicable to EIM Market Participants, including a Day-Ahead Schedule that will be referenced in the Real-Time Market instead of a submitted EIM Base Schedule and an initial EIM Base Load Schedule, pools of Balancing Authority Areas for purposes of the EIM Resource Sufficiency Evaluation, and capacity and Energy transfers between Balancing Authority Areas with equal priority to Demand.

33.30 Bids And Self-Schedule Submission

Scheduling Coordinators for EDAM Resources, EDAM Entities, Load Serving Entities, and other Day-Ahead Market Participants in the EDAM Area must submit Bids, including Self-Schedules, pursuant to this Section 33.30 as supplemented by Section 30.

33.30.1 Bids

A Scheduling Coordinator may submit a Bid in the Day-Ahead Market for an EDAM Resource eligible to participate in the Day-Ahead Market according to the EDAM Transmission Service Provider tariff and Section 33, while Scheduling Coordinators for EDAM Resources self-providing Ancillary Services must provide a Submission to Self-Provide Ancillary Services. Each EDAM Resource must comply with the general Bid rules in Section 30 as well as the specific Bid rules based on resource type, including without limitation owners or operators of Non-Generator Resources, Convergence Bidding Entities, Demand Response Providers, and Distributed Energy Resource Providers. Consistent with Section 30 and Appendix A, references to Bids include Self-Schedules, and references to Economic Bids exclude Self-Schedules.

33.30.2 Demand Bids

Only an EDAM Entity Scheduling Coordinator or an EDAM Load Serving Entity Scheduling Coordinator authorized by the EDAM Entity Scheduling Coordinator may submit a Demand Bid within the EDAM Entity's Balancing Authority Area. For EDAM Entities that have not yet enabled convergence bidding, the CAISO will limit Demand Bids in the Day-Ahead Market to the Energy Bids from EDAM Resources within the EDAM Entity's Balancing Authority Area.

33.30.3 Economic Bids at EDAM Interties

Except for resource-specific resources with an obligation to serve Demand in the EDAM Area described in Section 33.30.8, a Scheduling Coordinator for a designated resource associated with network integration transmission service of an EDAM Transmission Service Provider, or a resource located outside of the EDAM Area at an EDAM External Intertie with the CAISO Balancing Authority Area, may not submit Economic Bids at EDAM External Interties or EDAM Internal Interties unless the submission of Economic Bids has been enabled in accordance with Section 29.34(i)(2). Scheduling Coordinators may submit Self-Schedules at any EDAM Intertie.

33.30.4 EDAM Entity Access to Bid Information

For the CAISO to conduct the EDAM Resource Sufficiency Evaluation pursuant to Section 33.31, an EDAM Entity will necessarily have access to certain data related to Bids, without pricing information, associated with the EDAM Resources within the Balancing Authority Area it

represents and at EDAM Interties with other Balancing Authority Areas.

33.30.5 Start-Up and Minimum Load

For the determination of Proxy Start-Up Costs and Proxy Minimum Load Costs, the CAISO will utilize the Market Services Charge and System Operations Real-Time Dispatch Charge reflected in the EDAM Administrative Charge.

33.30.6 RUC Availability Bids for Variable Energy Resources

An EDAM Resource Scheduling Coordinator for a Variable Energy Resource must submit RUC Availability Bids as specified in Section 31.5.1.2 as if the Variable Energy Resource were an Eligible Intermittent Resource.

33.30.7 Convergence Bidding

For all EDAM Entity Balancing Authority Areas with convergence bidding, Convergence Bidding Entities may submit Virtual Bids pursuant to Section 30.9. The CAISO will settle Virtual Bids pursuant to Section 11.3.

33.30.7.1 Optional Transition Period

Each EDAM Entity may participate in the Day-Ahead Market without Virtual Bids in its Balancing Authority Area. Alternatively, each EDAM Entity may elect to forego a transition period and commence Day-Ahead Market participation with Virtual Bids in its Balancing Authority Area.

33.30.7.2 Bidding Rules

During the period that an EDAM Entity has not enabled convergence bidding, Load Serving Entities within the EDAM Entity Balancing Authority Area may not Bid or Self-Schedule Demand above the amount of Supply within the EDAM Entity Balancing Authority Area. The CAISO will enforce this Demand limitation based on the available Supply, accounting for the difference between Variable Energy Resource Bids and their forecasts. Forecasts will account for each Variable Energy Resource's deliverable Energy based on system conditions and input from the each EDAM Entity.

33.30.7.3 Suspension or Limitation

The CAISO has the authority to suspend or limit convergence bidding pursuant to Section 7.9. Each EDAM Entity may recommend that the CAISO suspend convergence bidding in its

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Balancing Authority Area, provided that the CAISO will make the ultimate determination as to such recommendation.

33.30.8 Bids from External Resources

Resources located outside of the EDAM Area may participate in the Day-Ahead Market subject to certain requirements that depend on whether (a) the resource submits a Bid at an EDAM External Intertie or an EDAM Internal Intertie, (b) the intertie is with the CAISO Balancing Authority Area or an EDAM Entity Balancing Authority Area, and (c) the resource's location is specific or non-specific. The EDAM Entity Scheduling Coordinator responsible for the interchange associated with these transactions must identify the supporting resource in an E-Tag submitted in accordance with Section 29.4(c)(4).

33.30.8.1 EDAM External Interties

A Scheduling Coordinator for a resource located outside of the EDAM Area may submit a Bid at an EDAM External Intertie with an EDAM Entity if the resource is pseudo-tied into the EDAM Entity Balancing Authority Area, is dynamically scheduled into the EDAM Entity Balancing Authority Area, or submits a Self-Schedule into the EDAM Entity Balancing Authority Area. An EDAM Entity will facilitate scheduling of export transactions from its Balancing Authority Area to EDAM External Interties pursuant to Section 33.18 and the EDAM Transmission Service Provider tariff or, in the case of the CAISO Balancing Authority Area, this CAISO Tariff. A Scheduling Coordinator for a resource located outside of the EDAM Area may submit a Bid at an EDAM External Intertie with the CAISO Balancing Authority Area in accordance with the CAISO Tariff. Economic Bids at EDAM External Interties with the CAISO Balancing Authority Area must be capable of delivery under Section 33.30.8.2 to count towards the EDAM RSE.

33.30.8.2 Delivered Firm Energy Contracts

Bids from delivered firm Energy contracts may participate in the Day-Ahead Market. Such firm Energy contracts include but are not limited to arrangements pursuant to Service Schedule C of the Western Systems Power Pool Agreement, CAISO resource adequacy imports, and similar forward contracted Supply. All source-specific forward

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contracted supply will, if possible, be modeled in the EDAM Area and, when the source cannot be identified, modeling assumptions will be made regarding the source based on the best information available. Bids at an EDAM Intertie with the CAISO Balancing Authority Area will be submitted by the Scheduling Coordinator associated with a forward contract with a Load Serving Entity within the CAISO Balancing Authority Area.

33.30.8.3 Non-Source Specific E-Tag Requirements.

All Energy scheduled from non-resource-specific forward supply contracts under Section 33.30.8.2 must have a submitted E-Tag within three hours following publication of the Day-Ahead Market results. The CAISO will publish an EDAM Entity Balancing Authority Area's quantity of import Supply that does not have a Day-Ahead E-Tag for situational awareness. An EDAM Entity Scheduling Coordinator or a Scheduling Coordinator within the CAISO Balancing Authority Area, as applicable, will have until 5 hours before the start of the Operating Hour to submit E-Tags and/or replace the capacity with other firm schedules or physical resources for schedules that lack a valid Day-Ahead E-Tag within the timeframe. If the Scheduling Coordinator does not E-Tag the outstanding import schedules, including import EDAM Transfers, and fails to resupply by submitting additional incremental Energy Bids from internal supply EDAM Resources above the resource's Day-Ahead Schedule not encumbered by Day-Ahead capacity awards to cover the E-Tag insufficiency prior to the deadline, the CAISO will remove the EDAM Entity Balancing Authority Area **or the CAISO Balancing Authority Area, as applicable,** from the group of Balancing Authority Areas that comprise the EDAM Upward Pool in accordance with Section 33.31.1.4.

33.30.9 Base Schedules Replaced by Day-Ahead Schedules

An EDAM Entity Scheduling Coordinator will not submit EIM Base Schedules and the CAISO will not provide an EIM Base Load Schedule for the EIM Entity Balancing Authority Area it represents in the Real-Time Market. Instead, the Day-Ahead Schedules for the EDAM Entity Balancing Authority Area will be used for the EIM Entity Balancing Authority Area in the Real-Time Market rather than submitted EIM Base Schedules and an EIM Base Load Schedule provided by the

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CAISO. EDAM Transfer schedules of Energy between Balancing Authority Areas in the EDAM Area will persist in the Real-Time Market with the corresponding Balancing Authority Areas in the EIM Area. EDAM Transfers of Energy will not be optimized in the Real-Time Market, but they will have equal scheduling priority with Demand. Day-Ahead import and export schedules at EDAM External Interties with Balancing Authority Areas in the EIM Area will also persist in the Real-Time Market and, if the import/export schedule is with another EIM Entity Balancing Authority Area, the Day-Ahead Schedule will be mirrored at the corresponding EIM Mirror System Resources for the Balancing Authority Areas in the Real-Time Market. Day-Ahead import and export schedules at EDAM External Interties will also not be optimized in the Real-Time Market, but they will have equal scheduling priority with Demand.

33.30.10 Information Available for Bidding by Gas-Fired Resources

The CAISO will publish advisory Day-Ahead Market results two days prior to the Trading Day in accordance with Section 6.5.2.2.3 to help inform gas procurement decisions by EDAM Resource Scheduling Coordinators that submit Bids from gas-fired EDAM Resource Facilities. An EDAM Resource Scheduling Coordinator must request this information before 05:00 a.m. of the Day-Ahead Market.

33.31 Extended Day-Ahead Market Requirements

The EDAM operates within the EDAM Area in accordance with Section 31, as supplemented by provisions in this Section 33.31. EDAM Market Participants must comply with Section 31 as applicable to their participation in the Day-Ahead Market.

33.31.1 EDAM Resource Sufficiency Evaluation (EDAM RSE)

Through the EDAM RSE, the CAISO will test each Balancing Authority Area in the EDAM Area, including the CAISO Balancing Authority Area, prior to the DAM and the results of the EDAM RSE serve as inputs into the DAM and EDAM with the CAISO completing the EDAM RSE before the IFM MPM.

33.31.1.1 Timing of Advisory and Binding EDAM RSE Runs

The CAISO produces advisory results for each Balancing Authority Area in the EDAM Area for the EDAM RSE at approximately 6:00 a.m. and 9:00 a.m. on the day the CAISO runs the Day-

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Ahead Market for the next Trading Day; additional advisory results for the EDAM RSE will be provided to each Balancing Authority Area in the EDAM Area consistent with the process set forth in the Business Practice Manual for the Extended Day-Ahead Market. The CAISO conducts the binding EDAM RSE after the Day-Ahead Market submission process closes at approximately 10:00 a.m., after the CAISO has validated Bids pursuant to Section 33.30, and immediately prior to running the Day-Ahead Market. Results of the advisory and binding EDAM RSE will be made available in accordance with the procedures set forth in the Business Practice Manual for the Extended Day-Ahead Market.

33.31.1.2 Components of the EDAM RSE

The EDAM RSE uses existing CAISO market models with the goal of minimizing total cost of meeting Demand and relaxing the Energy and Imbalance Reserve procurement constraints, if they cannot be satisfied, by utilizing all available Bids in the Day-Ahead Market that are eligible for participation under Section 33.31 and validated under Section 33.30, excluding Virtual Bids, non-Participating Load Bids, and intertie transactions by resources that are not registered. The EDAM RSE will also utilize all Ancillary Service Bids, self-provision of ancillary service, and the forecasted output of Variable Energy Resources, together with any adjustments made pursuant to Section 33.31.4.1, in each Balancing Authority Area and for each hour of the Day-Ahead time horizon. EDAM Resources and intertie resources qualified to register, and registered, with the CAISO are eligible for the EDAM RSE upon satisfaction of the requirements and process set forth in the Business Practice Manuals for the Extended Day-Ahead Market. All internal resources in the CAISO Balancing Authority Area are eligible to be counted for purposes of the EDAM RSE without additional registration. The EDAM RSE reflects resource constraints based on registered resource characteristics including, but not limited to, hydro resource and limited energy storage resource energy constraints, together with other available information as provided in the Business Practice Manuals, but does not enforce Transmission Constraints within each Balancing Authority Area. The result of the EDAM RSE is the quantity of upward sufficiency or downward insufficiency for each hour in the Day-Ahead time horizon for each Balancing Authority Area in the EDAM Area.

33.31.1.2.1 Resource Sufficiency Requirements in the EDAM

To perform the EDAM RSE, the CAISO will use the following inputs in performing the advisory runs and binding runs set forth in Section 31.3.1.6.1 as requirements for each Balancing Authority Area in the EDAM Area in accordance with the procedures set forth in the Business Practice Manuals, with the following requirements fixed at the time of the final binding EDAM RSE.

33.31.1.2.1.1 Forecast Requirement

The Demand Forecast and Variable Energy Resource forecast used in the 6:00 a.m. and 9:00 a.m. advisory run by the CAISO will be determined in accordance with Section 33.31.4 and the Business Practice Manual for the Extended Day-Ahead Market. The Demand Forecast and Variable Energy Resource forecast used in the final binding EDAM RSE will be the same forecasts the CAISO used in the 9:00 am advisory run, unless the timelines in the Business Practice Manual for the Extended Day-Ahead Market otherwise allow for adjustment.

33.31.1.2.1.2 Imbalance Reserves Requirement

The Imbalance Reserve requirement used in the 6:00 a.m. and 9:00 a.m. advisory run by the CAISO will be calculated in accordance with Section 31.3.1.6. The Imbalance Reserve requirement used in the final binding EDAM RSE will be the same requirement the CAISO used in the 9:00 a.m. advisory run unless the timelines in the Business Practice Manual for the Extended Day-Ahead Market otherwise allow for adjustment.

33.31.1.2.1.3 Ancillary Services Requirement

Each EDAM Entity must determine the requirements for ancillary services within its Balancing Authority Area consistent with its Balancing Authority obligations. The EDAM Entity Scheduling Coordinator must communicate the ancillary services requirements to the CAISO for use in the advisory and binding runs in accordance with the timelines set forth in the Business Practice Manuals. The ancillary services requirements used in the final binding EDAM RSE for each

EDAM Entity will be the same requirement the CAISO used in the 9:00 a.m. advisory run unless the timelines in the Business Practice Manual for the Extended Day-Ahead Market otherwise allow for adjustment. The Ancillary Services requirements for the CAISO Balancing Authority Area will be determined under Section 8 and used in the final binding EDAM RSE.

33.31.1.2.2 Transfers Between Balancing Authority Areas in Support of EDAM RSE

The CAISO will account for EDAM Transfers that will occur between two Balancing Authority Areas in the EDAM Area in support of the EDAM RSE pursuant to Section 33.18.2.1 by transferring the EDAM RSE requirements from the importing Balancing Authority Area to the exporting Balancing Authority Area prior to performing the advisory and binding runs of the RSE in accordance with the timelines set forth in the Business Practice Manual for the Extended Day-Ahead Market.

33.31.1.3 Performance of the EDAM Resource Sufficiency Evaluation

The EDAM RSE will evaluate whether RSE-eligible supply is sufficient to meet each of the upward and downward components of the requirements established for the Balancing Authority Area, as provided in Section 33.31.1.2 in each hour of the Day-Ahead Market.

33.31.1.3.1 Demand Evaluation

Each Balancing Authority Area in the EDAM Area must meet its Demand Forecast and Variable Energy Resource forecast requirements as determined by Section 33.31.1.2.1.1.

33.31.1.3.2 Imbalance Reserves Evaluation

Each Balancing Authority Area in the EDAM Area must meet its Imbalance Reserve Up and Imbalance Reserve Down requirements as determined by Section 33.31.1.2.1.2.

33.31.1.3.3 Ancillary Services Evaluation

Each Balancing Authority Area in the EDAM Area must meet its ancillary service

requirements as determined by Section 33.31.1.2.1.3. The CAISO Balancing Authority Area must meet its Ancillary Service obligations as provided in Section 8.

33.31.1.4 Satisfaction of the EDAM RSE Requirements

A Balancing Authority Area in the EDAM Area will pass the final binding EDAM RSE if it meets all of the requirements in Section 33.31.1.3 for each hour of the Day-Ahead Market.

33.31.1.4.1 Inclusion in the EDAM Upward Pool

A Balancing Authority Area in the EDAM Area which passes the final binding EDAM RSE by satisfying the upward requirements of the demand evaluation described in Section 33.31.1.3.1, the Imbalance Reserve evaluation described in Section 33.31.1.3.2, and the ancillary services evaluation described in Section 33.31.1.3.3 in each hour of the Day-Ahead Market, together with any Balancing Authority Area that cured its failure to pass the EDAM RSE in the upward direction through the IFM and incurred the applicable surcharge(s) set forth in Section 33.31.1.5, will be placed into the EDAM Upward Pool. The Balancing Authority Areas in the EDAM Area placed in the EDAM Upward Pool will be collectively accounted for when performing the EIM Resource Sufficiency Evaluation, with the EDAM Upward Pool evaluated as a collective in accordance with Section 29.34(m) and not otherwise evaluated under Section 29.34(k)-(l).

33.31.1.4.2 Inclusion in the EDAM Downward Pool

A Balancing Authority Area in the EDAM Area which passes the final binding EDAM RSE by satisfying the downward requirements of the demand evaluation described in Section 33.31.1.3.1, the Imbalance Reserve evaluation described in Section 33.31.1.3.2, and the ancillary services evaluation described in Section 33.31.1.3.3 in each hour of the Day-Ahead Market, together with any Balancing Authority Area that has cured its failure to pass the EDAM RSE in the downward direction through the IFM and incurred the applicable surcharge set forth in

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Section 33.31.1.5 will be placed into the EDAM Downward Pool. The Balancing Authority Areas in the EDAM Area placed in the EDAM Downward Pool will be collectively accounted for when performing the EIM Resource Sufficiency Evaluation, with the EDAM Downward Pool evaluated as a collective in accordance with Section 29.34(m) and not otherwise evaluated under Section 29.34(k)-(l).

33.31.1.4.3 Exclusion from the EDAM Upward and Downward Pools

If a Balancing Authority Area in the EDAM Area is excluded from either the EDAM Upward Pool or EDAM Downward Pool then the Balancing Authority Area excluded from either the EDAM Upward Pool or the EDAM Downward Pool will be evaluated as an individual Balancing Authority Area for the EIM Resource Sufficiency Evaluation in accordance with Section 29.34(m) and not otherwise evaluated under Section 29.34(k)-(l).

33.31.1.5 Surcharge Upon Failure of the EDAM RSE

A Balancing Authority Area in the EDAM Area that fails the EDAM RSE in any hour of any day and in any direction is subject to the following surcharges, with any resulting surcharges distributed to the applicable Scheduling Coordinator as provided in Section 33.11.2.2:

33.31.1.5.1 EDAM RSE On-Peak Upward Failure Insufficiency Surcharge

A Balancing Authority Area in the EDAM Area that has failed to satisfy the upward components of the EDAM RSE during the on-peak period will be subject to a three-tiered penalty structure as follows:

(i) In a tier 1 failure, the Balancing Authority Area failure is *de minimis* defined as the higher of 10 MW or an amount that is less than or equal to one percent of the Balancing Authority Area's upward Imbalance Reserve requirement for that hour, and the EDAM RSE On-Peak Upward Failure Insufficiency Surcharge will not be calculated.

(ii) In a tier 2 failure, the Balancing Authority Area failure is above the *de minimis*

failure amount and is less than or equal to fifty percent of the Balancing Authority Area's upward Imbalance Reserve requirement and the EDAM RSE On-Peak Upward Failure Insufficiency Surcharge will be calculated as provided in Section 33.11.2.1.1.

(iii) In a tier 3 failure, the Balancing Authority Area failure is greater than fifty percent of the Balancing Authority Area's upward Imbalance Reserve requirement and the EDAM RSE On-Peak Upward Failure Insufficiency Surcharge will be calculated as provided in Section 33.11.2.1.1.

33.31.1.5.2 EDAM RSE Off-Peak Upward Failure Insufficiency Surcharge

The EDAM RSE Off-Peak Upward Failure Insufficiency Surcharge will be calculated for each Balancing Authority Area that has failed the EDAM RSE during the off-peak period in the upward direction, as provided in Section 33.11.2.1.2. The EDAM RSE Off-Peak Upward Failure Insufficiency Surcharge will not be calculated for a *de minimis* failure, defined as the higher of 10 MW or an amount that is less than or equal to one percent of the Balancing Authority Area's upward Imbalance Reserve requirement for that hour, as provided in Section 33.11.2.1.2.

33.31.1.5.3 EDAM RSE Downward Failure Insufficiency Surcharge

The EDAM RSE Downward Failure Insufficiency Surcharge will be calculated for each Balancing Authority Area in the EDAM Area that has failed the EDAM RSE in the downward direction in any hour on any day, as provided in Section 33.11.2.1.3. The EDAM RSE Downward Failure Insufficiency Surcharge will not be calculated for a *de minimis* failure, defined as an amount that is greater than 10 MW in the hour, as provided in Section 33.11.2.1.3.

33.31.1.6 Timely Submission of Tags Necessary to Remain in EDAM Upward and Downward Pools

A Balancing Authority Area in the EDAM Area must comply with the tagging protocols set forth in Section 33.30.8.3 and the Business Practice Manuals to ensure imports and

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exports are timely tagged. A Balancing Authority Area in the EDAM Area that fails to timely E-tag imports or exports and does not otherwise re-supply from a firm schedule or physical source to cover for the untagged imports or exports for the operating hour following the process in the Business Practice Manual will be removed from the EDAM Upward Pool or the EDAM Downward Pool, respectively, for that Trading Hour. A Balancing Authority Area in the EDAM Area that is removed from the EDAM Upward Pool or the EDAM Downward Pool in accordance with this Section 33.31.1.6 will not be evaluated as an individual Balancing Authority Area and will be allowed to share in the Diversity Benefits of the pool that it would have otherwise been a part of and as provided in Section 33.31.1.4.3.

33.31.2 Operation of the Day-Ahead Market in the EDAM Area

33.31.2.1 IFM MPM in the EDAM Area

For purposes of the IFM MPM process in the EDAM Area, the CAISO applies a competitive path assessment to binding Transmission Constraints to determine whether a path is competitive or non-competitive, consistent with the requirements of Section 29.39. If a path is non-competitive, MPM procedures will apply to determine any non-competitive contribution to LMPs. Resources' Bids will be subject to applicable mitigation procedures if the net contribution from non-competitive binding Transmission Constraints to these resources' LMPs is positive.

In relation to power balance constraints within the EDAM Area, the Marginal Energy Cost in the CAISO Balancing Authority Area will reflect a competitive marginal energy price. For this purpose, when an EDAM Balancing Authority Area's Marginal Energy Cost is greater than CAISO Balancing Authority Area's Marginal Energy Cost, then the IFM MPM process will apply the competitive path assessment. If non-competitive conditions exist, the IFM MPM process will treat the differential between the Marginal Energy Cost in the CAISO Balancing Authority Area and the Marginal Energy Cost in the EDAM Balancing Authority Area similar to the non-competitive component of the Marginal Cost of Congestion in CAISO's Local Market Power Mitigation process and will subject resources' Bids to mitigation procedures.

33.31.2.2 IFM in the EDAM Area

The IFM procures Energy and Imbalance Reserves for EDAM Entity Balancing Authority Areas but does not procure Ancillary Services. EDAM Entities must self-provide their full Ancillary Services requirements to the IFM and cannot submit Economic Bids for Ancillary Services to the IFM.

The CAISO procures Energy across the EDAM Area as specified in Section 31.3.1. The CAISO procures Imbalance Reserves across the EDAM Area as specified in Sections 31.3.1.5 and 31.3.1.6. An EDAM Resource must meet the requirements applicable to Participating Generators to be eligible for Imbalance Reserves Awards and must meet all of the RTM Bidding Obligations specified in Section 31.3.4.

33.31.2.3 RUC MPM in the EDAM Area

For purposes of the IFM MPM process in the EDAM Area, the CAISO applies a competitive path assessment to binding Transmission Constraints to determine whether a path is competitive or non-competitive, consistent with the requirements of Section 29.39. If a path is non-competitive, MPM procedures will apply to determine any non-competitive contribution to LMPs. Resources' Bids will be subject to applicable mitigation procedures if the net contribution from non-competitive binding Transmission Constraints to these resources' LMPs is positive.

In relation to power balance constraints within the EDAM Area, the Marginal Energy Cost in the CAISO Balancing Authority Area will reflect a competitive marginal energy price. For this purpose, when an EDAM Balancing Authority Area's Marginal Energy Cost is greater than CAISO Balancing Authority Area's Marginal Energy Cost, then the IFM MPM process will apply the competitive path assessment. If non-competitive conditions exist, the IFM MPM process will treat the differential between the Marginal Energy Cost in the CAISO Balancing Authority Area and the Marginal Energy Cost in the EDAM Balancing Authority Area similar to the non-competitive component of the Marginal Cost of Congestion in CAISO's Local Market Power Mitigation process and will subject resources' Bids to mitigation procedures.

33.31.2.4 RUC in the EDAM Area

The CAISO procures Reliability Capacity across the EDAM Area as specified in Sections 31.5

and 31.9 with the following additional qualifications. An EDAM Resource must meet the requirements applicable to Participating Generators to be eligible for RUC Awards and must meet all of the RTM Bidding Obligations specified in Section 31.5.8. The CAISO procures Reliability Capacity across the EDAM Area as specified in Sections 31.5, except that a reference to the CAISO Forecast of BAA Demand for the CAISO refers to the total CAISO Forecast of BAA Demand for all Balancing Authority Areas across the EDAM Area. The CAISO does not have authority under Section 31.5.3.1 to adjust the CAISO Forecast of BAA Demand for an EDAM Balancing Authority Area.

33.31.3 Net Export EDAM Transfer Constraint

The Extended Day-Ahead Market will include a configurable constraint to permit a Balancing Authority Area in the EDAM Area to enable an hourly limit on the amount of net EDAM Transfer exports, where the total net export EDAM Transfer constraint cannot be reduced below the higher of zero or the transmission service made available to support a net export in the EDAM RSE under Section 33.18.2.1. The net export EDAM Transfer constraint limit is calculated as the available capacity of Supply Bids from resources eligible for the EDAM RSE, plus the available capacity of Supply Bids from resources not eligible for the EDAM RSE, multiplied by a configurable confidence factor, minus the EDAM RSE requirements as described in Section 33.31.1, minus a configurable non-exportable capacity margin. The CAISO or an EDAM Entity may elect to enable the net export EDAM Transfer constraint for its Balancing Authority Area prior to 9:00 a.m. on the day before the Trading Day in accordance with the timelines and procedures in the Business Practice Manual for the Extended Day-Ahead Market. If an EDAM Entity or the CAISO elects to enable the constraint, then the CAISO applies the constraint across all IFM market processes, including deployment scenarios for IRU/IRD and the RUC. Once elected, the EDAM Entity or the CAISO can choose which hours in which the constraint can be applied to the Operating Day for which the IFM is run.

33.31.3.1 Confidence Factor

If there is observed risk of non-performance or non-delivery by Supply overall or from inertia schedules, then a Balancing Authority Area in the EDAM Area may register a confidence factor of

less than 100%.

33.31.3.2 Reliability Margin

Once the upper-bound limit of the net EDAM Transfer export constraint is derived, the CAISO or the EDAM Entity may further reduce this limit for its Balancing Authority Area by an additional reliability margin that reflects an amount of non-exportable capacity held back in anticipation of needing to respond to reliability conditions as may be permitted under the EDAM Transmission Service Provider tariff or the CAISO Tariff, as applicable, including associated business practices. An EDAM Entity or the CAISO may specify a reliability margin to be used in the net export EDAM Transfer constraint for its Balancing Authority Area prior to 9:00 a.m. on the day before the Trading Day for each hour of that Trading Day in accordance with the procedures in the Business Practice Manual for the Extended Day-Ahead Market.

33.31.4 CAISO Forecast of BAA Demand and Variable Energy Resource Forecast for EDAM Entities

In accordance with procedures set forth in the Business Practice Manual for the Extended Day-Ahead Market, the CAISO develops a Demand Forecast and Variable Energy Resource forecast for each EDAM Entity. This forecast constitutes the CAISO Forecast of BAA Demand and the Variable Energy Resource forecast for that EDAM Entity unless the EDAM Entity elects, in accordance with procedures set forth in the Business Practice Manual for the Extended Day-Ahead Market, to submit its own forecast. The forecast option selected by the EDAM Entity will be the same forecast option that is utilized in the Real-Time Market. A Demand Forecast submitted by the EDAM Entity that will be utilized as the CAISO Forecast of BAA Demand must contain the expected transmission loss as defined in the EDAM Entity's tariff. In the Day-Ahead Market, the CAISO Forecast of BAA Demand for a Balancing Authority Area modeled as Supply-only is zero. The Demand Forecast provided by the EDAM Entity that meets the procedures established in the Business Practice Manual constitutes that EDAM Entity's CAISO Forecast of BAA Demand and the Variable Energy Resource forecast provided by the EDAM Entity that meets the procedures established in the Business Practice Manual constitutes that EDAM Entity's Variable Energy Resource forecast.

33.31.4.1 Load Modification/Demand Response Programs

An EDAM Entity may elect to adjust its Demand Forecast to account for demand response programs administered in its Balancing Authority Area that do not qualify as EDAM Resource Facilities in accordance with procedures set forth in the Business Practice Manual for the Extended Day-Ahead Market. When enabled, the EDAM Entity will enable or deploy the demand response corresponding to the adjustment consistent with the applicable requirements for such demand response programs. If the EDAM RSE for the CAISO BAA is adjusted to reflect demand response resources participating in demand response programs administered in its Balancing Authority Area that do not qualify as RSE-eligible EDAM Resource Facilities, then the CAISO may adjust RUC participation to correspond to such adjustment in accordance with the procedures set forth in the Business Practice Manual for the Extended Day-Ahead Market. If such an adjustment is made, the CAISO will enable or deploy the demand response corresponding to the adjustment consistent with the applicable requirements for such demand response programs. Adjustments made pursuant to this Section 33.31.4.1 are subject to audit and monitoring as provided in Section 33.38.

33.31.5 Reserve Sharing Groups

The EDAM will accommodate ancillary service requirements that are satisfied through participation in a reserve sharing group. If multiple EDAM Entity Balancing Authority Areas participate in a reserve sharing group, they must identify the transmission that will be utilized to ensure delivery of the shown reserve capacity, consistent with existing practices the entities may have in place today for delivery of the reserves. This transmission capacity will not be available for EDAM Transfers to ensure the deliverability of the reserve sharing obligations in the Real-Time.

33.31.6 Interchange Schedules

After Day-Ahead Market results are published, EDAM Entity Scheduling Coordinators must submit Interchange Schedules with other Balancing Authority Areas at the relevant EDAM Interties and must update these Interchange Schedules with any adjustments, when applicable. For each EDAM Intertie Bid that clears the IFM resulting in a 15-minute EDAM Intertie Schedule,

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the EDAM Entity Scheduling Coordinator must submit to the CAISO the corresponding hourly transmission profile and 15-minute Energy profiles from the respective E-Tags. The required transmission profiles and Energy profiles must reflect the Point of Receipt and Point of Delivery that was declared in the IFM Bid submittal, must be submitted at least 20 minutes before the start of the Operating Hour, and the EDAM Entity Scheduling Coordinator must provide an updated Energy profile to the extent required by Section 30.5.7.

33.32 Greenhouse Gas (GHG)

33.32.1 GHG Compliance Cost Recovery

EDAM Resource Scheduling Coordinators and Scheduling Coordinators for resources within the CAISO Balancing Authority Area will have an opportunity to recover costs of compliance with GHG regulations adopted by a state jurisdiction that has priced GHG emissions as part of a state GHG reporting and reduction program. The provisions of Section 33.32 pertaining to the GHG Regulation Area of the State of Washington will not take effect until January 1, 2027.

33.32.1.1 Bid Adders Used by the Integrated Forward Market

The Integrated Forward Market will use GHG Bid Adders submitted by EDAM Resource Scheduling Coordinators for EDAM Resource Facilities located outside of a specific GHG Regulation Area to optimize the attribution of GHG Transfers into that GHG Regulation Area. The Integrated Forward Market will use GHG Bid Adders submitted by EDAM Resource Scheduling Coordinators for EDAM Resource Facilities located within the GHG Regulation Area of the State of Washington to optimize the attribution of GHG Transfers into GHG Regulation Areas outside of the State of Washington. The Integrated Forward Market will use GHG Bid Adders submitted by Scheduling Coordinators for resources located within the GHG Regulation Area of the State of California to optimize the attribution of GHG Transfers into GHG Regulation Areas outside of the State of California.

33.32.1.2 Bid Adders and GHG Regulation Areas

For purposes of Section 33.32, GHG Regulation Areas will reflect the Pricing Nodes of the CAISO Balancing Authority Area or an EDAM Entity Balancing Authority Area within

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the GHG boundary as defined by a state jurisdiction that has priced GHG emissions as part of a state GHG reporting and reduction program.

EDAM Resource Scheduling Coordinators for EDAM Resource Facilities located inside a specific GHG Regulation Area will not submit GHG Bid Adders to serve Demand within that GHG Regulation Area. Scheduling Coordinators for resources located within the GHG Regulation Area of the State of California will not submit GHG Bid Adders to serve Demand within the GHG Regulation Area of California.

Scheduling Coordinators for resources with Pseudo-Tie arrangements or Dynamic Schedules into the CAISO Balancing Authority Area that register in the Master File that their resources' capacity is associated with serving Demand in the GHG Regulation Area within the State of California will not submit GHG Bid Adders.

33.32.1.3 Bid Submission

EDAM Resource Scheduling Coordinators for EDAM Resource Facilities located outside of GHG Regulation Areas may submit a separate GHG Bid Adder as an hourly Bid component specific to each GHG Regulation Area.

Scheduling Coordinators for resources located within the GHG Regulation Area of the State of California may submit a separate GHG Bid Adder as an hourly Bid component specific to each GHG Regulation Area located outside of the State of California. EDAM Resource Scheduling Coordinators for EDAM Resource Facilities within the GHG Regulation Area of the State of Washington may submit a separate GHG Bid Adder as an hourly Bid component specific to each GHG Regulation Area located outside the State of Washington.

GHG Bid Adders will consist of a price and MW quantity. The price included in the GHG Bid Adder will not be less than \$0/MWh and not greater than 110% of the resource's GHG maximum compliance cost as determined in accordance with Section 33.32.1.5.

33.32.1.4 Default Treatment.

If a resource located outside of a GHG Regulation Area does not have a GHG Bid Adder to serve Demand within a specific GHG Regulation Area, the Integrated Forward Market

will not attribute the resource as supporting a GHG Transfer into that specific GHG Regulation Area.

33.32.1.5 Determination of Maximum GHG Bid Adder

The CAISO will calculate a maximum daily GHG Bid Adder for each EDAM Resource Facility and each resource located within the CAISO Balancing Authority Area in relation to GHG Regulation Areas, as applicable, based on the resource's highest average heat rate on its heat rate curve, the applicable GHG Allowance Price, and the resource's applicable emission rate. The CAISO will perform this calculation in accordance with the provisions of the applicable Business Practice Manual. The CAISO will also provide for an option for resources to negotiate a maximum GHG Bid Adder for each GHG Regulation Area in accordance with the provisions of the applicable Business Practice Manual.

33.32.1.6 GHG Bid Adder Price

The price included in the GHG Bid Adder will not be less than \$0/MW. The sum of the GHG Bid Adder price and the Energy Bid price may not exceed the Soft Energy Bid Cap unless the sum of a resource's relevant maximum daily GHG Bid Adder and Default Energy Bid as adjusted pursuant to Section 30.11 exceeds the Soft Energy Bid Cap. In this case, the sum of a resource's GHG Bid Adder and Energy Bid price may not exceed the sum of the relevant maximum daily GHG Bid Adder and the resource's Default Energy Bid or the Hard Energy Bid Cap, whichever is lower.

33.32.2 Consideration of GHG Bid Adders in Market Clearing

33.32.2.1 Dispatch of Resources with Non-zero Bid Adders

The Integrated Forward Market will take into account GHG Bid Adders in selecting Energy produced by EDAM Resource Facilities located outside of a specific GHG Regulation Area up to the associated MW quantity included in the GHG Bid Adder to serve Demand within that GHG Regulation Area.

The Integrated Forward Market will take into account GHG Bid Adders in selecting Energy produced by resources located within the CAISO Balancing Authority Area up to

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the associated MW quantity included in the GHG Bid Adder to serve load Demand in the GHG Regulation Area located outside of the State of California.

The Integrated Forward Market will not consider GHG Bid Adders when selecting EDAM Resources to serve Demand outside of GHG Regulation Areas.

33.32.2.2 Maximum GHG Bid Adder MW Attribution

The Integrated Forward Market will limit the maximum MW attribution of an EDAM Resource Facility to serve Demand in a specific GHG Regulation Area to a value equal to lower of (i) the MW value in the resource's GHG Bid Adder; (ii) the dispatchable Bid range between the resource's GHG reference pass schedule and the resource's effective upper Economic Bid, considering any applicable derates and Ancillary Services capacity reservations, for the relevant Operating Hour; or (iii) the resource's Day-Ahead Energy Schedule for that Trading Hour.

The Integrated Forward Market will limit the maximum MW attribution of a resource located within the GHG Regulation Area of the State of California to serve load within a GHG Regulation Area outside of the State of California to a value equal to the lower of (i) the MW value in the resource's GHG Bid Adder; (ii) the resource's Day-Ahead Energy Schedule for that Trading Hour.

33.32.2.3 GHG Reference Pass

The GHG reference pass runs before the Integrated Forward Market. The GHG reference pass uses Day-Ahead Bids and Self-Schedules of resources to optimally clear Supply and Demand Bids without GHG Transfers into GHG Regulation Areas. The GHG reference pass establishes GHG reference pass schedules for resources to determine what Dispatch would have occurred without GHG Transfers into GHG Regulation Areas. The GHG reference pass will not schedule capacity located outside of a GHG Regulation Area obligated to serve Demand within a GHG Regulation Area that is registered with the CAISO in accordance with the applicable Business Practice Manual, thereby allowing this capacity to support a GHG Transfer into a GHG Regulation Area in the Integrated Forward Market.

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Resources with Pseudo-Tie arrangements or Dynamic Schedules into a Balancing Authority Area that includes Demand within a specific GHG Regulation Area will register in the Master File whether they are associated with Demand in that GHG Regulation Area. The GHG reference pass will not schedule Pseudo-Tie or dynamically scheduled resources to serve Demand outside of a specific GHG Regulation Area if they are associated with Demand in that GHG Regulation Area.

33.32.2.4 Dispatch of Resources with Bid Adders of Zero

The Integrated Forward Market will not dispatch resources located outside of a GHG Regulation Area for attribution to serve Demand in a GHG Regulation Area if the MW quantity included in the GHG Bid Adder is zero.

33.32.3 GHG Marginal Cost

The Integrated Forward Market will, taking into account Energy Bids and GHG Bids, optimally select resources located outside of a GHG Regulation Area to support GHG Transfers into a GHG Regulation Area until the total MW of GHG Transfers into the respective GHG Regulation Area is fully allocated. The Shadow Price of this allocation constraint is the Marginal GHG Cost for the respective GHG Regulation Area.

33.32.4 Compensation

When the Integrated Forward Market attributes a resource located outside of a GHG Regulation Area to support a GHG Transfer to serve Demand in a GHG Regulation Area, the EDAM Resource Scheduling Coordinator for the EDAM Resource Facility or Scheduling Coordinator for the resource will receive a payment equaling the product of the GHG Transfer to a GHG Regulation Area attributed to the resource in the IFM and the IFM Marginal GHG Cost for that respective GHG Regulation Area.

33.32.5 GHG Net Export Constraint

The CAISO will apply an hourly GHG net export constraint in the Integrated Forward Market for EDAM Entity Balancing Authority Areas that do not overlap with a GHG Regulation Area. This constraint will limit the aggregate attribution of EDAM Resources within a specific EDAM Entity Balancing Authority Area such that the aggregate attribution does not exceed the net exports

from that EDAM Entity Balancing Authority Area. This constraint will also limit the aggregate attribution of resources within a specific GHG Regulation Area to serve Demand in another GHG Regulation Area such that the attribution may not exceed the net exports from these resources' native Balancing Authority Areas. This constraint will not restrict the Integrated Forward Market from attributing capacity located outside of a specific GHG Regulation Area obligated to serve Demand within that GHG Regulation Area that is registered with the CAISO in accordance with the applicable Business Practice Manual. The CAISO will not enforce this constraint for any Balancing Authority Area in the EDAM Area and in any Trading Hour in which the CAISO Balancing Authority Area or an EDAM Entity Balancing Authority Area with Demand in a GHG Regulation Area is deficient in the upward direction in the EDAM Resource Sufficiency Evaluation.

33.32.6 Data Availability

33.32.6.1 Notification

The CAISO will notify EDAM Resource Scheduling Coordinators for EDAM Resource Facilities and Scheduling Coordinators for resources within the CAISO Balancing Authority Area of their resources' GHG reference pass schedules. The CAISO will notify an EDAM Resource Scheduling Coordinator through the results of the Integrated Forward Market of the MW quantity of any Energy of an EDAM Resource Facility located in an EDAM Entity Balancing Authority Area outside of a specific GHG Regulation Area that supports a GHG Transfer to serve Demand in that GHG Regulation Area.

The CAISO will notify an EDAM Resource Scheduling Coordinator through the results of the Integrated Forward Market of the MW quantity of any Energy of an EDAM Resource Facility located in the GHG Regulation Area of the State of Washington that supports a GHG Transfer to serve Demand in a GHG Regulation Area outside of the State of Washington.

The CAISO will notify the Scheduling Coordinator for a resource located in the GHG Regulation Area of the State of California through the results of the Integrated Forward Market of the MW quantity of any Energy of a resource that supports a GHG Transfer to

serve Demand in a GHG Regulation Area outside of the State of California.

33.32.6.2 Disclosure

The CAISO may disclose information related to GHG Transfers to a Governmental Authority, so long as such information does not disclose confidential information of any individual Market Participant.

33.33 [Not Used]

33.34 [Not Used]

33.35 Market Validation And Price Correction

The market validation and price correction provisions of Section 35 apply to the EDAM, except that, for a period not to exceed 180 days after an EDAM Entity Implementation Date, the time allowed for the CAISO's correction of Day-Ahead Market prices will be 10 Business Days.

33.36 Congestion Revenue Rights

Congestion Revenue Rights are not included in the Extended Day-Ahead Market, and the provisions of Section 36 will not apply to EDAM Market Participants.

33.37 Rules Of Conduct

All EDAM Market Participants will be subject to the provisions of Section 37 except for Section 37.2 and Section 37.4 to the extent it applies to Maintenance Outages.

33.38 Market Monitoring in EDAM

The CAISO Department of Market Monitoring is the market monitor for the EDAM and holds the same duties towards the EDAM as it holds under Appendix P, Section 5 towards the other CAISO Markets. Any referral to FERC of a potential Market Violation or market design flaw will be made under the procedures established in Appendix P, Section 11 and Appendix P, Section 12, respectively. The obligations the CAISO holds towards the Department of Market Monitoring under Appendix P, Sections 3 and 4 apply equally to the Department of Market Monitoring in its role as market monitor for the EDAM. The CAISO Market Surveillance Committee holds the same duties towards the EDAM as it holds under Appendix O, Section 5 towards the CAISO Markets.

33.39 Local Market Power Mitigation in EDAM

The CAISO applies the Local Market Power Mitigation procedures set forth in Sections 31.2, 31.9, and

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39.7 to the Extended Day-Ahead Market and uses the methods and standards for setting Default Energy Bids and Default Availability Bids in the Extended Day-Ahead Market as set forth in Section 39.7.

33.40 [Not Used]

33.41 [Not Used]

33.42 [Not Used]

33.43 [Not Used]

33.44 Flexible Ramping Product

The CAISO procures the Flexible Ramping Product in the EDAM Area as set forth in Section 44.